ARCHIVES OF DISEASE IN CHILDHOOD

EDITORS

DOUGLAS GAIRDNER and ROGER ROBINSON

EDITORIAL COMMITTEE

CHARLOTTE M. ANDERSON
T. M. BARRATT
A. H. CAMERON
C. O. CARTER
A. R. CHRISPIN
P. S. GARDNER
D. B. GRANT
R. S. JONES
B. LEVIN
JAMES LISTER
DAVID MORLEY
P. PINKERTON
D. N. RAINE
J. F. SOOTHILL
F. H. STONE
M. L. N. WILLOUGHBY

APPOINTED BY THE BRITISH PAEDIATRIC ASSOCIATION AND THE BRITISH MEDICAL ASSOCIATION
PRESIDENT OF THE BRITISH PAEDIATRIC ASSOCIATION
EDITOR, *British Medical Journal*

VOLUME 48, 1973

BRITISH MEDICAL ASSOCIATION · TAVISTOCK SQUARE · LONDON WC1H 9JR

No. 257. *JANUARY 1973*

Editorial Note .. 1

Review Article

Vitamin D Metabolism: Recent Advances. T. C. B. Stamp .. 2

Original Articles

Covert Bacteriuria of Childhood: a Clinical and Epidemiological Study. D. C. L. Savage, M. I. Wilson, M. McHardy, D. A. E. Dewar, and W. M. Fee .. 8

Massive Pulmonary Haemorrhage in the Newborn: a Changing Pattern. C. B. Boothby and D. J. deSa .. 21

Controlled Trial of Fresh Frozen Plasma in Asphyxiated Low Birthweight Infants. G. Hambleton and W. J. Appleyard .. 31

Renal Tubular and Papillary Necrosis after Dehydration in Infancy. Ann Banister and G. W. Hatcher .. 36

Abnormalities of Insulin and Growth Hormone Secretion in Children with Coeliac Disease. Gillian Day, K. Evans, and B. Wharton .. 41

Development of Visual Acuity. G. V. Catford and A. Oliver .. 47

Steroids in Treatment of Pertussis: a Controlled Clinical Trial. D. Zoumboulakis, D. Anagnostakis, V. Albanis, and N. Matsaniotis .. 51

Plasma Digoxin Levels in Infants. K. O'Malley, E. N. Coleman, W. B. Doig, and I. H. Stevenson .. 55

Homocystinuria: Reduced Folate Levels during Pyridoxine Treatment. Bridget Wilcken and B. Turner .. 58

Short Reports

Familial Neuroblastoma: Report of Two Sib Pairs. J. Wagget, Grace Aherne, and W. Aherne .. 63

Primary Endocardial Fibroelastosis: an Inherited Condition. A. S. Hunter and A. J. Keay .. 66

Glomerulonephritis Associated with *Staphylococcus albus* in a Spitz Holter Valve. M. W. Moncrieff, E. F. Glasgow, L. J. H. Arthur, and H. M. Hargreaves 69

Muscular Performance in Cystic Fibrosis Patients and its Relation to Vitamin E. Caryl W. Darby, A. G. F. Davidson, and I. D. Desai .. 72

British Paediatric Association .. 76

Neonatal Society .. 85

Correspondence .. 86

Book Reviews .. 88

No. 258. *FEBRUARY 1973*

Referees 1972 .. 89

Original Articles

Natural History of Segmental Lesions in Primary Pulmonary Tuberculosis: Long-Term Review of 383 Patients. J. B. Morrison .. 90

Neonatal Convulsions Associated with Primary Disturbance of Calcium, Phosphorus, and Magnesium Metabolism. F. Cockburn, J. K. Brown, N. R. Belton, and J. O. Forfar .. 99

Does Control Influence the Growth of Diabetic Children? S. K. M. Jivani and P. H. W. Rayner .. 109

Renal Papillary Necrosis in Infancy. P. Husband and K. A. Howlett .. 116

Clinical and Experimental Results of Removing the Large Intestine soon after Birth. A. W. Wilkinson and R. A. McCance .. 121

Hydroxyproline Excretion in Various Forms of Growth Failure. W. M. Teller, U. Genscher, H. Burkhardt, and K. Rommel .. 127

Neonatal Hepatitis Associated with Australia Antigen (Au-1). C. Kattamis, D. Demetriou, Katerina Karambula, Y. Davri-Karamouzi, and N. Matsaniotis .. 133

Phaeochromocytoma in Childhood: Report of 3 Cases. M. J. Robinson, M. Kent, and J. Stocks .. 137

Pancreatic Exocrine Enzyme Deficiency Associated with Asphyxiating Thoracic Dystrophy. M. Karjoo, C. E. Koop, D. Cornfeld, and P. G. Holtzapple .. 143

Absorption and Excretion of Cephalexin by the Newborn Infant. Rosemary Boothman, Margaret M. Kerr, Monica J. Marshall, and W. L. Burland .. 147

Short Reports

Development of Insulin Secretion in the Human Fetus. M. A. Ashworth, F. N. Leach, and R. D. G. Milner .. 151

Clinical Assessment of Gestational Age in the Neonate. B. W. Hancock .. 152

Lymphovenous Obstruction in Anomalous Midgut Rotation. T. R. Verma and M. A. Bankole .. 154

Hepatitis Antigen and α-Fetoprotein in Neonatal Hepatitis. R. K. Chandra 157

Paediatric Pathology Society .. 159

Correspondence .. 164

Book Reviews .. 166

No. 259. *MARCH 1973*

Review Article

Some Physiological and Clinical Aspects of Puberty. H. K. A. Visser 169

Original Articles

Natural History of Adrenal Haemorrhage in the Newborn. J. Black and D. I. Williams 183
Congenital Malformations of Human Dermatoglyphs. T. J. David 191
Urinary Diversion in Children. J. E. S. Scott 199
Serum Monoclonal Immunoglobulins in Childhood. Françoise Danon and Maxime Seligmann 207
Family with Probable Achondrogenesis and Lipid Inclusions in Fibroblasts. Renata Laxova, P. T. Ohara, M. A. C. Ridler, and J. A. D. Timothy 212
Dental Defects Associated with Neonatal Symptomatic Hypocalcaemia. L. Stimmler, G. J. A. I. Snodgrass, and Eileen Jaffe 217
Nutritional Rickets at Puberty. M. W. Moncrieff, H. R. W. Lunt, and L. J. H. Arthur 221
Family with Intermittent Maple Syrup Urine Disease. H. B. Valman, A. D. Patrick, J. W. T. Seakins, J. W. Platt, and D. Gompertz 225
Terbutaline in Children with Asthma. J. Leegaard and S. Fjulsrud 229
Heparin Therapy in Meningococcal Septicaemia. J. Hunter 233

Short Reports

Mini Exchange Plasma Transfusion. P. J. Kearney 236
Nephrotic Syndrome in Congenital Syphilis. R. Suskind, J. A. Winkelstein, and G. A. Spear 237
Severe Cutaneous Reactions to Phenytoin. K. P. Dawson 239
Plasma Pancreatic Glucagon and Insulin: Glucagon Ratio at Birth. R. D. G. Milner, S. K. Chouksey, K. N. P. Mickleson, and R. Assan 241

European Society for Paediatric Nephrology 243
Neonatal Society 245
Correspondence 246
Book Reviews 247

No. 260. *APRIL 1973*

Original Articles

THAM *v.* Sodium Bicarbonate in Idiopathic Respiratory Distress Syndrome. P. K. J. van Vliet and J. M. Gupta 249
Blood Carbonic Anhydrase Activity in the Newborn. R. W. Logan, Sheila M. Crooks, J. H. Hutchison, and Margaret M. Kerr 256
Forced Oscillation Technique for Determination of Resistance to Breathing in Children. J. J. Cogswell 259
Flow Rate and Inorganic Components of Submandibular Saliva in Cystic Fibrosis. Jeanette Blomfield, Kathryn L. Warton, and J. M. Brown 267
Familial Occurrence of Congenital Laryngeal Clefts. P. D. Phelan, J. G. Stocks, H. E. Williams, and D. M. Danks 275
Interrelations of Plasma Calcium, Inorganic Phosphate, Magnesium, and Protein Over the First Week of Life. G. J. A. I. Snodgrass, L. Stimmler, J. Went, M. E. Abrams, and E. J. Will 279
Comparative Trial of 2 Weeks and 8 Weeks Cyclophosphamide in Steroid-sensitive Relapsing Nephrotic Syndrome of Childhood. T. M. Barratt, J. S. Cameron, C. Chantler, C. S. Ogg, and J. F. Soothill 286
Childhood Urolithiasis in Britain. S. Ghazali, T. M. Barratt, and D. I. Williams .. 291
Prophylactic Antibiotics in Umbilical Artery Catheterization in the Newborn. P. K. J. van Vliet and J. M. Gupta 296
Adipose Cell Size and Glucose Tolerance in Obese Children and Effects of Diet. C. G. D. Brook and June K. Lloyd 301
Comparative Efficacy of Nalidixic Acid and Ampicillin for Severe Shigellosis. K. C. Haltalin, J. D. Nelson, and Helen T. Kusmiesz 305
Study of Antipyretic Therapy in Current Use. J. Hunter 313

Short Reports

Sweat Test in the Newborn Period. J. D. Hardy, S. H. H. Davison, M. U. Higgins, and P. N. Polycarpou 316
Gestational Age Assessment in Nigerian Newborn Infants. M. J. Brueton, A. Palit, and R. Prosser 318
Absence of IgA and Growth Hormone Deficiency Associated with Short Arm Deletion of Chromosome 18. J. Leisti, S. Leisti, J. Perheentupa, E. Savilahti, and P. Aula 320
Cardiac Failure Due to Acute Bacterial Endocarditis Treated with Peritoneal Dialysis and Aortic Valve Replacement. W. Sears, D. Pickering, and W. Watana 322

Paediatric Research Society 324
Correspondence 328
Book Reviews 330

No. 261. *MAY 1973*

Review Article

Sugar-induced Diarrhoea in Children. M. Gracey and Valerie Burke 331

Original Articles

Long-term Prognosis of Children with Ulcerative Colitis. K. M. Goel and R. A. Shanks 337

Duodenal Mucosal Damage in 31 Infants with Gastroenteritis. G. L. Barnes and R. R. W. Townley 343

Intestinal Malabsorption in Infants with Histiocytosis X. J. W. Keeling and J. T. Harries 350

Bronchial Lability in Cystic Fibrosis. Gillian Day and Margaret B. Mearns 355

Vitamin E and Haemolytic Anaemia in Premature Infants. S. S. Lo, D. Frank, and W. H. Hitzig 360

Serum and Red Cell Folates, and Serum Vitamin B_{12} in Protein Calorie Malnutrition. M. Khalil, A. Tanios, M. Moghazy, M. K. Aref, S. Mahmoud, and M. el Lozy .. 366

Use of Cholestyramine in Treatment of Children with Familial Hypercholesterolaemia. R. J. West and June K. Lloyd 370

Congenital Syphilis and Glomerulonephritis with Evidence for Immune Pathogenesis. J. Wiggelinkhuizen, R. O. C. Kaschula, C. J. Uys, R. H. Kuijten, and J. Dale .. 375

Propranolol in Supraventricular Tachycardias of Childhood. P. H. Dworkin, Barbara B. Bell, and M. Mirowski 382

Spinal Muscular Atrophy in Childhood: Two Clues to Clinical Diagnosis. A. Moosa and V. Dubowitz 386

Constancy of Relative Body Weight in Children. E. Sohar, E. Scapa, and M. Ravid .. 389

Reserve Albumin Binding Capacity, Salicylate Saturation Index, and Red Cell Binding of Bilirubin in Neonatal Jaundice. D. Bratlid 393

Short Reports

Rapid Detection of Neonatal Hypoglycaemia: Evaluation of Dextrostix Reflectance Meter System. B. Cavell, N. Svenningsen, T. Thulin, and B. Scherstén 398

Massive Diastematomyelia without Cutaneous Dysraphism. C. B. Sedzimir, J. R. Roberts, and J. V. Occleshaw 400

Tubular Reabsorption of Amino Acids in Vitamin C Deficiency. J. H. P. Jonxis and W. H. J. van Luyk 402

Apnoeic Attacks in the Newborn Treated with Aminophylline. J. A. Kuzemko and Josy Paala 404

Scottish Paediatric Society 407

Correspondence 408

Book Review 410

No. 262. *JUNE 1973*

Annotation

Encephalopathy and Fatty Degeneration of Viscera. A. P. Mowat 411

Original Articles

Giardiasis and Coeliac Disease. F. Carswell, A. A. M. Gibson, and T. A. McAllister .. 414

Measurement of Serum Parathyroid Hormone, with Particular Reference to Some Infants with Hypocalcaemia. Angela Fairney, Doreen Jackson, and Barbara E. Clayton 419

Acute Werdnig-Hoffmann Disease: Acute Infantile Spinal Muscular Atrophy. J. H. Pearn and J. Wilson 425

Idiopathic Cardiomyopathy in Infants. R. Doshi and K. V. Lodge 431

Cyclic Chemotherapy in Acute Lymphoblastic Leukaemia of Childhood: 5-year Survivals. M. R. Vowels and M. L. N. Willoughby 436

Immune Response in Families of Children with Acute Lymphoblastic Leukaemia. D. I. K. Evans 441

Effect of Fatty Acids on Bilirubin Conjugation. T. Hargreaves 446

Plasma Glucagon Levels in the Term Human Infant and Effect of Hypoxia. D. I. Johnston and S. R. Bloom 451

Neonatal Citrobacter Meningitis. C. M. Gwynn and R. H. George 455

Arteriohepatic Dysplasia: Familial Pulmonary Arterial Stenosis with Neonatal Liver Disease. G. H. Watson and V. Miller 459

Educational and Social Characteristics of Children with Asthma. R. G. Mitchell and Blanche Dawson 467

Measurement of Phenylalanine in Routine Care of Phenylketonuric Children. N. R. Belton, J. D. Crombie, S. P. Robins, Rhona Stephen, and J. W. Farquhar 472

Wilson's Disease or Chronic Copper Poisoning? J. Walker-Smith and Jeanette Blomfield 476

Personal Practice

Intestinal Biopsy in Childhood. R. R. W. Townley and G. L. Barnes 480

No. 262. *JUNE 1973*—continued

Short Reports

Acute Anaphylaxis, Pulmonary Oedema, and Intravascular Haemolysis Due to Cryoprecipitate. D. Burman, A. K. Hodson, C. B. S. Wood, and N. F. W. Brueton .. 483

Magnesium Supplementation in Bartter's Syndrome. J. W. Mace, K. M. Hambidge, R. W. Gotlin, R. S. Dubois, C. S. Solomons, and F. H. Katz .. 485

Generalized Hypermobility of Joints: Arthrochalasis Multiplex Congenita. J. R. Owen, R. A. Elson, and P. Grech .. 487

Chronic Lactic Acidosis in Association with Myopathy. M. J. Tarlow, B. D. Lake, and June K. Lloyd .. 489

Neonatal Society .. 493

Book Reviews .. 494

No. 263. *JULY 1973*

Editorial .. 495

Original Articles

Absorption of Fat and Calcium by Low Birthweight Infants from Milks Containing Butterfat and Olive Oil. D. Barltrop and T. E. Oppé .. 496

Growth Hormone Release during Sleep in Growth Retarded Children. C. J. Eastman and L. Lazarus .. 502

Exercise as a Screening Test for Growth Hormone Deficiency in Children. K. A. Lacey, A. Hewison, and J. M. Parkin .. 508

Prevalence of Exercise-induced Bronchial Lability in Families of Children with Asthma. P. König and S. Godfrey .. 513

Growth of Suckling Rats after Treatment with Dexamethasone or Cortisol: Implications for Steroid Therapy in Human Infants. S. W. De Souza and B. P. F. Adlard .. 519

Massive Infiltrating Cystic Hygroma of the Neck in Infancy. K. G. Barrand and N. V. Freeman .. 523

Combined Live Measles-Mumps Virus Vaccine. R. E. Weibel, V. M. Villarejos, G. Hernández C., J. Stokes, Jr., E. B. Buynak, and M. R. Hilleman .. 532

Goldenhar's Syndrome: Oculoauriculovertebral Dysplasia. D. H. Mellor, Joyce E. Richardson, and D. M. Douglas .. 537

Sequelae of Neonatal Convulsions: Study of 112 Infants. J. H. Keen and D. Lee .. 542

Blood Viscosity in the Newborn. T. F. Mackintosh and C. H. M. Walker .. 547

Congenital Adrenal Hyperplasia: Report of a Case with Neurological Complications. F. Hanefeld, L. Crome, N. E. France, and A. D. M. Jackson .. 554

Urinary Complications of Lipomyelomeningocele. G. M. Sokol and M. W. Schwartz 560

Short Reports

Blood Urea: Normal Values in Early Infancy Related to Feeding Practices. D. P. Davies and R. Saunders .. 563

Plasma Growth Hormone Response to Exercise as Diagnostic Aid. J. M. H. Buckler .. 565

Pica with Rapid Improvement after Dietary Zinc Supplementation. K. M. Hambidge and A. Silverman .. 567

Sore Bottoms in the Newborn. Elizabeth Grantham .. 568

Neonatal Society .. 571

Correspondence .. 572

Book Review .. 574

No. 264. *AUGUST 1973*

Original Articles

Plasma Osmolality and Protein Intake in Preterm Infants. D. P. Davies .. 575

Calcium and Fat Absorption by Low Birthweight Infants from a Calcium-supplemented Milk Formula. D. Barltrop and T. E. Oppé .. 580

Plasma Food Antibodies During Withdrawal and Reintroduction of Dietary Gluten in Coeliac Disease. F. Carswell and A. Ferguson .. 583

Plasma β_1C–β_1A Globulins and Immunoglobulins in Coeliac Disease. F. Carswell and R. W. Logan .. 587

Effect of Human Chorionic Gonadotrophin on Plasma and Urine Testosterone in Boys with Delayed Puberty. B. T. Rudd, P. H. W. Rayner, Margaret R. Smith, G. Holder, S. K. M. Jivani, and C. G. Theodoridis .. 590

Reduced Sulphation Factor in Undernourished Children. D. B. Grant, Judy Hambley, Dorothy Becker, and B. L. Pimstone .. 596

Fat Absorption in Congenital Obstructive Liver Disease. J. F. T. Glasgow, J. R. Hamilton, and A. Sass-Kortsak .. 601

No. 264. *AUGUST 1973*—continued

Original Articles—continued

Effect of HGH Replacement Therapy on Concentration of 15 Serum Proteins. H. G. Minchin Clarke, D. B. Grant, and D. Putman .. 608

Methods for Improving Oxygenation in Infants Mechanically Ventilated for Severe Hyaline Membrane Disease. S. Herman and E. O. R. Reynolds .. 612

Hereditary Pancreatitis in a Newcastle Family. J. R. Sibert .. 618

Serum C3 Levels in Acute Glomerulonephritis and Postnephritic Children. Milana Popović-Rolović .. 622

Asymmetric Crying Facies and Congenital Anomalies. M. Perlman and S. H. Reisner 627

Prophylactic Antibiotics in Chronic Umbilical Artery Catheterization in Respiratory Distress Syndrome. H. Bard, G. Albert, F. Teasdale, B. Doray, and B. Martineau 630

Variants of Citrullinaemia. H. Wick, C. Bachmann, R. Baumgartner, T. Brechbühler, J. P. Colombo, U. Wiesmann, M. J. Mihatsch, and H. Ohnacker .. 636

Exposure of Children to Lead in Uganda. D. Barltrop, G. V. Coles, and R. A. McCance 642

Short Reports

Wilm's-aniridia Syndrome with Transient Hypo-γ-globulinaemia of Infancy. D. I. K. Evans and A. Holzel .. 645

Immunoglobulins in Normal Infant Born of Severe Hypo-γ-globulinaemic Mother. H. B. Laursen and M. F. Christensen .. 646

Dietary Requirement of Phenylalanine in Infants with Hyperphenylalaninaemia. D. R. Lines and Marilyn Swanson .. 648

Red Cell Phospholipid Determination in Diagnosis of Neurological Disease. Margaret I. Griffiths and Fay M. John.. 650

Paediatric Research Society .. 653

Correspondence .. 657

Book Reviews .. 660

No. 265. *SEPTEMBER 1973*

Annotation

Beclomethasone in Childhood Asthma. R. S. Jones .. 663

Original Articles

Beclomethasone Aerosol in Childhood Asthma. S. Godfrey and P. König .. 665

Beclomethasone Dipropionate Aerosol in Childhood Asthma. W. Dickson, Catherine E. Hall, Mary Ellis, and R. H. Horrocks .. 671

Results of Selective Early Operation in Myelomeningocele. G. D. Stark and Margaret Drummond .. 676

Cystic Fibrosis and Coeliac Disease: Coexistence in Two Children. Mary C. Goodchild, R. Nelson, and Charlotte M. Anderson .. 684

Cystic Fibrosis and Coeliac Disease: Report of Two Cases. B. Taylor and G. Sokol 692

Ascending Cholangitis after Successful Surgical Repair of Biliary Atresia. A. Kobayashi, T. Utsunomiya, Y. Ohbe, and K. Shimizu .. 697

Relative Roles of Phototherapy and Phenobarbitone in Treatment of Nonhaemolytic Neonatal Jaundice. Y. K. Wong and B. S. B. Wood .. 704

Control of Fetal Lung Development in the Rabbit. M. L. Chiswick, A. Ahmed, P. M. B. Jack, and R. D. G. Milner .. 709

Plasma Cortisol Levels in Malnourished Children with and without Superimposed Acute Stress. R. B. Paisey, Marielena Angers, and S. Frenk .. 714

Rates of Creatinine Clearance in Babies less than One Week of Age. H. Sertel and J. Scopes .. 717

Vitamin E in Neonatal Hyperbilirubinaemia. B. A. Abrams, J. M. C. Gutteridge, J. Stocks, M. Friedman, and T. L. Dormandy .. 721

Effect of Human Growth Hormone Treatment on Adipose Tissue in Children. C. G. D. Brook .. 725

Familial Hypo-β-lipoproteinaemia. Audrey Fosbrooke, S. Choksey, and B. Wharton .. 729

Urinary Glucose Unreliable as Test for Urinary Tract Infection in Infancy. S. Dosa, I. B. Houston, L. B. Allen, and R. Jennison .. 733

Short Reports

Serological Studies in Asymptomatic Congenital Cytomegalovirus Infection. R. Bluestone, L. S. Goldberg, S. M. Tucker, and H. Stern .. 738

Hyperglycaemia in Hyperosmolar Dehydration. H. Heggarty, P. Trindade, and E. M. Bryan .. 740

Three Cases of Meningococcal Infection in a Family, Associated with a Deficient Immune Response. D. M. Jones, Barbara M. Tobin, and A. Butterworth .. 742

Plasma and Erythrocyte Folate Concentrations in Normal Mature Infants. E. D. Hibbard .. 743

Correspondence .. 746

Book Reviews .. 749

No. 266. *OCTOBER 1973*

Editorial

The Ethics of Research Involving Children as Controls 751

Original Articles

Effects of Measles on the Immune Response of Nigerian Children. H. C. Whittle, Alice Bradley-Moore, A. Fleming, and B. M. Greenwood 753

Quantitative Growth and Development of Human Brain. J. Dobbing and Jean Sands 757

Chronic Generalized Spinal Muscular Atrophy of Infancy and Childhood: Arrested Werdnig-Hoffmann Disease. J. H. Pearn and J. Wilson 768

Late Onset G_{M2}-gangliosidosis: Clinical, Pathological, and Biochemical Studies on 8 Patients. E. M. Brett, R. B. Ellis, L. Haas, J. U. Ikonne, B. D. Lake, A. D. Patrick, and Rosemary Stephens 775

Height and Weight Charts from Birth to 5 Years Allowing for Length of Gestation: for Use in Infant Welfare Clinics. J. M. Tanner and R. H. Whitehouse 786

Normal Size of Liver in Infancy and Childhood: *X*-ray Study. D. Deligeorgis, D. Yannakos, and S. Doxiadis 790

Papular Acrodermatitis of Childhood: an Australia Antigen Disease. F. Gianotti .. 794

Early Albumin Infusion to Infants at Risk for Respiratory Distress. R. D. Bland, T. L. Clarke, L. B. Harden, Judith L. Meyer, J. P. Ries, W. A. Madden, F. W. Crast, W. F. Coyer, and J. W. Bass 800

Severe Familial Intrahepatic Cholestasis. M. Odièvre, M. Gautier, M. Hadchouel, and D. Alagille 806

Short Reports

Congenital Skin Aplasia Affecting Trunk. L. K. Sharma 813

Hereditary Pseudo Vitamin D Deficiency Rickets in a Pakistani Infant. J. R. Sibert and W. M. U. Moffat 814

Hydatid Disease of Interatrial Septum. H. V. Price 816

Wiskott-Aldrich Syndrome Associated with Idiopathic Infantile Cortical Hyperostosis (Caffey's Disease). G. McEnery and F. W. Nash 818

British Paediatric Association 822

Scottish Paediatric Society 831

Book Reviews 833

No. 267. *NOVEMBER 1973*

Original Articles

Obstetric and Perinatal Histories of Children who Died Unexpectedly (Cot Death). C. D. Protestos, R. G. Carpenter, P. M. McWeeny, and J. L. Emery 835

The 'Early Anaemia'; its Relation to Postnatal Growth Rate, Milk Feeding, and Iron Availability: Experimental Study in Rabbits. Karin Halvorsen and S. Halvorsen 842

IgE Concentrations in Allergic Asthma in Children. J. Havnen, P. A. Amlie, M. Hvatum, S. Oseid, T. Veggan, and K. Aas 850

Betamethasone 17-Valerate by Aerosol in Childhood Asthma. Janna F. Frears, Lyn C. Wilson, and M. Friedman 856

Reduced Bactericidal Capacity of Polymorphs in Iron Deficiency. R. K. Chandra .. 864

Childhood Leukaemia Presenting in the Central Nervous System. J. Graham Pole .. 867

Infection and Amniotic Aspiration of Middle Ear in Stillbirths and Neonatal Deaths. D. J. deSa 872

Cyclic Oculomotor Paralysis. Doris M. Clewett Price and D. Q. Trounce 881

Metabolic and Hormonal Effects of Glucagon Infusion in Erythroblastotic Infants. R. D. G. Milner, S. K. Chouksey, and R. Assan 885

Hyperlysinaemia: Harmless Inborn Error of Metabolism? H. H. van Gelderen and H. L. Teijema 892

Familial Selective Malabsorption of Vitamin B_{12}. Mary Bell, J. T. Harries, O. H. Wolff, A. M. Dawson, and A. H. Waters 896

Thermal Insulation in Malnourished Jamaican Children. O. G. Brooke with the assistance of Yvette March 901

Plasma Lecithin-cholesterol Acyltransferase Deficiency in a Child with Terminal Pulmonary Hyaline Membrane Disease. R. A. Harkness, J. A. B. Darling, A. D. Bain, and J. Syme 906

Short Reports

Metronidazole in Treatment of Children with Amoebic Liver Abscess. J. N. Scragg and S. J. Powell 911

Laryngotracheo-oesophageal Cleft. R. Beazer, D. J. deSa, A. P. Freeland, and N. R. C. Roberton 912

Anuria Due to Sulphadiazine. M. H. Winterborn and J. R. Mann 915

Down's Syndrome with Diabetes Mellitus and Hypothyroidism. W. A. Shaheed and L. Rosenbloom 917

Cartilage Hair Hypoplasia. C. B. Boothby and B. D. Bower 918

Correspondence 922

No. 268. *DECEMBER 1973*

Looking Back

Bray's Discovery of Pathogenic *Esch. coli* as a Cause of Infantile Gastroenteritis .. 923

Original Articles

Serum Protein and Transferrin Determinations to Distinguish Kwashiorkor from Iron Deficiency Anaemia. A. E. J. Masawe and J. Rwabwogo-Atenyi 927

Assessment of Techniques for Measurement of Blood Pressure in Infants and Children. A. M. Elseed, E. A. Shinebourne, and M. C. Joseph 932

Sex Chromosome Aberrations and Speech Development. Maureen Garvey and D. E. Mutton 937

Exercise-induced Bronchial Lability and Atopic Status of Families of Infants with Wheezy Bronchitis. P. König and S. Godfrey 942

Clinical Observations on Response to Nasal Occlusion in Infancy. P. G. F. Swift and J. L. Emery 947

Biliary Tract Abnormalities Associated with Duodenal Atresia. I. S. Reid 952

Therapeutic Implications of Copper Deficiency in Menkes's Steely-Hair Syndrome. J. A. Walker-Smith, B. Turner, J. Blomfield, and G. Wise 958

Transient Lactose Intolerance in Infancy. R. W. Bartrop and D. Hull 963

Rifampicin Therapy in Gram-negative Bacteraemia in Infancy. Y. Naveh and A. Friedman 967

Personal Comment

Paediatrics and Child Psychiatry: the Case for Collaboration. P. Pinkerton .. 970

Short Reports

Child with a Defect in Leucine Metabolism Associated with β-Hydroxy-isovaleric Aciduria and β-Methylcrotonylglycinuria. D. Gompertz, K. Bartlett, D. Blair, and C. M. M. Stern 975

Diaphragmatic Paralysis in the Newborn. D. Anagnostakis, C. Economou-Mavrou, A. Moschos, P. Vlachos, and D. Liakakos 977

Treatment with New Synthetic Analogue of Vasopressin in Diabetes Insipidus. H. Nash 979

Oesophageal Atresia: 3 Cases in 2 Generations. N. R. Dennis, J. L. Nicholas, and I. Kovar 980

New Method for Arterial Blood Sampling in Infants and Others. A. Huch and Renate Huch 982

Correspondence 984

Index 987

AUTHOR INDEX

1973, Volume 48

AAS, K., *see* HAVNEN, J. *et al.*

ABRAMS, B. A., GUTTERIDGE, J. M. C., STOCKS, J., FRIEDMAN, M., and DORMANDY, T. L.: Vitamin E in neonatal hyperbilirubinaemia, 721

ABRAMS, M. E., *see* SNODGRASS, G. J. A. I. *et al.*

ADAM, H. VALASSI-, *see* VALASSI-ADAM, H.

ADLARD, B. P. F., *see* DE SOUZA, S. W., and ADLARD, B. P. F.

AHERNE, G., *see* WAGGET, J. *et al.*

AHERNE, W., *see* WAGGET, J. *et al.*

AHERNE, W. A.: Uhl's anomaly, 160, *P.*

AHMED, A., *see* CHISWICK, M. L. *et al.*

ALAGILLE, D.: Arteriohepatic dysplasia: correspondence, 985

ALAGILLE, D., *see* ODIÈVRE, M. *et al.*

ALBANIS, V., *see* ZOUMBOULAKIS, D. *et al.*

ALBERT, G., *see* BARD, H. *et al.*

ALLEN, L. B., *see* DOSA, S. *et al.*

AMLIE, P. A., *see* HAVNEN, J. *et al.*

ANAGNOSTAKIS, D., ECONOMOU-MAVROU, E., MOSCHOS, A., VLACHOS, P., and LIAKAKOS, D.: Diaphragmatic paralysis in the newborn: short report, 977

—— *see also* ZOUMBOULAKIS, D. *et al.*

ANDERSON, C. M., *see* GOODCHILD, M. C. *et al.*

ANDERSON, J. M., *see* BELTON, N. R., and ANDERSON, J. M.

ANDREWS, T. M., MCKERAN, R. O., MCPHERSON, K., and WATTS, R. W. E.: Relation between granulocyte phenylalanine content and degree of neuropsychiatric disability in phenylketonuria, 654, *P.*

ANGERS, M., *see* PAISEY, R. B. *et al.*

APPLEYARD, W. J., *see* HAMBLETON, G., and APPLEYARD, W. J.

AREF, M. K., *see* KHALIL, M. *et al.*

ARTHUR, L. J. H., *see* MONCRIEFF, M. W. *et al.*

ASHWORTH, M. A., LEACH. F. N., and MILNER, R. D. G.: Development of insulin secretion in the human fetus: short report, 151

ASSAN, R., *see* MILNER, R. D. G. *et al.*

ATENYI, J. RWABWOGO-, *see* RWABWOGO-ATENYI, J.

AULA, P., *see* LEISTI, J. *et al.*

BACHMANN, C., *see* WICK, H. *et al.*

BAILEY, C. C.: Linear and skeletal growth in congenital adrenal hyperplasia, 828, *P.*

BAIN, A. D.: Studies on GM2 type 2 gangliosidosis, 160, *P.*

—— *see also* HARKNESS, R. A. *et al.*

BANISTER, A.: Management of hypernatraemia in infancy, 825, *P.*

—— and HATCHER, G. W.: Renal tubular and papillary necrosis after dehydration in infancy, 36

BANKOLE, M. A., *see* VERMA, T. R. and BANKOLE, M. A.

BARD, H., ALBERT, G., TEASDALE, F., DORAY, B., and MARTINEAU, B.: Prophylactic antibiotics in chronic umbilical artery catheterization in respiratory distress syndrome, 630

BARLTROP, D.: Neonatal calcium metabolism, 828, *P.*

—— COLES, G. V., and MCCANCE, R. A.: Exposure of children to lead in Uganda, 642

—— and OPPÉ, T. E.: Absorption of fat and calcium by low birthweight infants from milks containing butterfat and olive oil, 496

—— —— Calcium and fat absorption by low birthweight infants from a calcium-supplemented milk formula, 580

BARNES, G. L., and TOWNLEY, R. R. W.: Duodenal mucosal damage in 31 infants with gastroenteritis, 343

—— *see also* TOWNLEY, R. R. W., and BARNES, G. L.

BARRAND, K. G., and FREEMAN, N. V.: Massive infiltrating cystic hygroma of the neck in infancy, 523

BARRATT, T. M., CAMERON, J. S., CHANTLER, C., OGG, C. S., and SOOTHILL, J. F.: Comparative trial of 2 weeks and 8 weeks cyclophosphamide in steroid-sensitive relapsing nephrotic syndrome of childhood, 286

—— *see also* GHAZALI, S. *et al.*

BARSON, A. J.: Familial lymphohistiocytosis—20 cases in three family groups, 162, *P.*

BARTLETT, K., *see* GOMPERTZ, D. *et al.*

BARTROP, R. W., and HULL, D.: Transient lactose intolerance in infancy, 963

BASS, J. W., *see* BLAND, R. D. *et al.*

BAUMGARTNER, R., *see* WICK, H. *et al.*

BAX, M. C. O.: Development of visual acuity: correspondence, 746

BAYSTON, R.: Shunt nephritis: correspondence, 657

BEAZER, R., DESA, D. J., FREELAND, A. P., and ROBERTON, N. R. C.: Laryngotracheo-oesophageal cleft: short report, 912

BECKER, D., *see* GRANT, D. B. *et al.*

BELL, B. B., *see* DWORKIN, P. H. *et al.*

BELL, M., HARRIES, J. T., WOLFF, O. H., DAWSON, A. M., and WATERS, A. H.: Familial selective malabsorption of vitamin B_{12}, 896

BELTON, N. R., CROMBIE, J. D., ROBINS, S. P., STEPHEN, R., and FARQUHAR, J. W.: Measurement of phenylalanine in routine care of phenylketonuric children, 472

—— and ANDERSON, J. M.: 2′, 3′-cyclic nucleotide 3′-phosphohydrolase in the developing human brain, 325, *P.*

—— *see also* COCKBURN, F. *et al.*

BENSON, P. F., *see* SELLER, M. J., and BENSON, P. F.

BERRY, C. L.: Value of polygenically determined animal defect in teratological research, 159. *P.*
—— Dissociation of geographical and histiogenic development of arteries, 655, *P.*
BLACK, J., and WILLIAMS, D. I.: Natural history of adrenal haemorrhage in the newborn, 183
BLAIR, D., *see* GOMPERTZ, D. *et al.*
BLAND, R. D., CLARKE, T. L., HARDEN, L. B., MEYER, J. L., RIES, J. P., MADDEN, W. A., CRAST, F. W., COYER, W. F., and BASS, J. W.: Early albumin infusion to infants at risk for respiratory distress, 800
BLOMFIELD, J., WARTON, K. L., and BROWN, J. M.: Flow rate and inorganic components of submandibular saliva in cystic fibrosis, 267
—— *see* WALKER-SMITH, J., and BLOMFIELD, J. WALKER-SMITH, J. A. *et al.*
BLOOM, S. R., *see* JOHNSTON, D. I., and BLOOM, S. R.
BLUESTONE, R., GOLDBERG, L. S., TUCKER, S. M., and STERN, H.: Serological studies in asymptomatic congenital cytomegalovirus infection: short report, 738
BOLTON, D. P. G., *see* PURCELL, M. *et al.*
BOOK REVIEWS
AAS, K.: The biochemical and immunological basis of bronchial asthma, 1972. 167; BAKWIN, H., and BAKWIN, R. M.: Behavior disorders in children, 4th ed. 1972. 168; BRITISH MEDICAL BULLETIN, Vol. 28, No. 3, September 1972: Radiology in renal disease, 247; CAFFEY, J.: Pediatric X-ray diagnosis, Vols. I & II. 6th ed. 1973. 749; CIBA Foundation symposium 10: Intrauterine infections, 1973. 749; CROME, L., and STERN, J.: Pathology of mental retardation, 2nd ed. 1972. 662; DAVIES, P. A., ROBINSON, R. J., SCOPES, J. W., TIZARD, J. P. M., and WIGGLESWORTH, J. S.: Medical care of newborn babies, 1972. 410; FERGUSON, C. F., and KENDIG, E. L., JR., *editors:* Pediatric otolaryngology, 1972. 494; GELLIS, S. S., *editor:* The yearbook of pediatrics, 1973. 833; HALLER, J. A., JR., and TALBERT, J. L.: Surgical emergencies in the newborn, 1972. 167; HAMILTON, W.: Clinical paediatric endocrinology, 1972. 166; ILLINGWORTH, R. S.: The development of the infant and young child normal and abnormal, 5th ed. 1972. 166; JOHNSTON, J. H., and SCHOLTMEIJER, R. J. *editors:* Problems in paediatric urology, 1972. 661; KENDIG, E. L. *editor:* Pulmonary disorders. Volume I of Disorders of the respiratory tract in children, 1972. 247; MARKOWITZ, M., and GORDIS, L.: Rheumatic fever (MPCP—Vol. II) 2nd ed., 1972. 833; MORLEY, M. E.: The development and disorders of speech in childhood. 3rd ed. 1972. 662; NADAS, A. S., and FYLER, D. C.: Pediatric cardiology. 3rd ed. 1972. 660; NATIONAL CENTER FOR HEALTH STATISTICS: Height and weight of children: Socioeconomic status, United States: abstract, 330; OUNSTED, M., and OUNSTED, C.: On fetal growth rate (its variations and their consequences), 1973. 749; POLLAK, M.: Today's three-year-olds in London, 1972. 574; RAIMONDI, A. J.: Pediatric neuroradiology, 1972. 660; ROOT, A. W.: Human pituitary growth hormone, 1972. 166; RUSSELL, J. G. B.: Radiology in obstetrics and antenatal paediatrics. (Radiology in clinical diagnosis series) 1973. 833; SCHULMAN, I. *editor:* Advances in pediatrics. Vol. 19. 1972. 750; SHULMAN, I. *editor:* Advances in pediatrics, Vol. 18, 1972. 88; SILVERMAN, A., ROY, C. C., and COZZETTO, F. J.: Pediatric clinical gastroenterology, 1971, 88; SMITH, C. H.: Blood diseases of infancy and childhood, 3rd ed. 1972. 330; SMITH, D. W., and MARSHALL, R. E. *editors:* Introduction to clinical pediatrics, 1972. 167; SOLOMAN, L. M., and ESTERLY, N. B.: Neonatal dermatology. Vol. IX in Major problems in clinical pediatrics, 1973. 833; STERN, J., and TOOTHILL, C. *editors:* Organic acidurias, 1972. 661; TACHDJIAN, M. O.: Pediatric orthopedics. Vols. I and II, 1972. 660; WILKINSON, A. W., *editor:* Parenteral nutrition, 1972. 494
BOOTHBY, C. B., and BOWER, B. D.: Cartilage hair hypoplasia: short report, 918
—— and DESA, D. J.: Massive pulmonary haemorrhage in the newborn. A changing pattern, 21
BOOTHMAN, R., KERR, M. M., MARSHALL, M. J., and BURLAND, W. L.: Absorption and excretion of cephalexin by the newborn infant, 147
BOWER, B. D. *see* BOOTHBY, C. B., and BOWER, B. D.
BRADLEY-MOORE, A., *see* WHITTLE, H. C. *et al.*
BRADY, J. P., *see* ORME, R. L'E. *et al.*
BRATLID, D.: Reserve albumin binding capacity, salicylate saturation index, and red cell binding of bilirubin in neonatal jaundice, 393
BRAY, P. T.: Newborn screening for cystic fibrosis, 825, *P.*
BRECHBÜHLER, T., *see* WICK, H. *et al.*
BRETT, E. M., ELLIS, R. B., HAAS, L., IKONNE, J. U., LAKE, B. D., PATRICK, A. D., and STEPHENS, R.: Late onset G_{M2}-gangliosidosis: Clinical, pathological, and biochemical studies on 8 patients, 775
BRITISH ASSOCIATION OF PAEDIATRIC NEPHROLOGY, formation, 349
BRITISH PAEDIATRIC ASSOCIATION, Proceedings of 43rd Annual Meeting, held jointly with Scottish Paediatric Society, Aviemore Centre, 1972, 76
—— —— —— Forty-fourth Annual Meeting, University of Lancaster, April 1973, 822
BROOK, C. G. D.: Effect of human growth hormone treatment on adipose tissue in children, 725
—— and LLOYD, J. K.: Adipose cell size and glucose tolerance in obese children and effects of diet, 301
BROOKE, O. G., and MARCH, Y.: Thermal insulation in malnourished Jamaican children, 901
BROWN, D., *see* STIMMLER, L. *et al.*
BROWN, J. K.: Pattern of acute neurological disorder and subsequent outcome in severe neonatal asphyxia, 80, *P.*
—— *see also* COCKBURN, F. *et al.*
BROWN, J. M., *see* BLOMFIELD, J. *et al.*
BRUETON, M. J., PALIT, A., and PROSSER, R.: Gestational age assessment in Nigerian newborn infants: short report, 318
BRUETON, N. F. W., *see* BURMAN, D. *et al.*

BRYAN, E. M., *see* HEGGARTY, H. *et al.*
BUCKLER, J. M. H.: Plasma growth hormone response to exercise as diagnostic aid: short report, 565
BURKE, V., *see* GRACEY, M., and BURKE, V.
BURKHARDT, H., *see* TELLER, W. M.
BURLAND, W. L., *see* BOOTHMAN, R. *et al.*
BURMAN, D., HODSON, A. K., WOOD, C. B. S., and BRUETON, N. F. W.: Acute anaphylaxis, pulmonary oedema, and intravascular haemolysis due to cryoprecipitate: short report, 483
BUTTERWORTH, A., *see* JONES, D. M. *et al.*
BUYNAK, E. B., *see* WEIBEL, R. E. *et al.*

CAMERON, J. S., *see* BARRATT, T. M. *et al.*
CAMERON, J., *see* FORSYTHE, C. *et al.*
CAMPBELL, S.: Monitoring of fetal growth, 83, *P.*
CARPENTER, R. G., *see* PROTESTOS, C. D. *et al.*
CARSWELL, F., and FERGUSON, A.: Plasma food antibodies during withdrawal and reintroduction of dietary gluten in coeliac disease, 583
—— —— Plasma food antibodies in patients with suspected coeliac disease, 407, *P.*
—— GIBSON, A. A. M., and MCALLISTER, T. A.: Giardiasis and coeliac disease, 414
—— —— and MCALLISTER, T. A.: Giardiasis and coeliac disease, 325, *P.*
—— KERR, M. M., and DUNSMORE, I. R.: Sequential trial of effect of phenobarbitone on serum bilirubin of preterm infants, 79, *P.*
—— and LOGAN, R. W.: Plasma β_1C-β_1A globulins and immunoglobulins in coeliac disease, 587
CATER, J. I.: Estimation of menstrual age, 407, *P.*
CATFORD, G. V.: Development of visual acuity: correspondence, 746
—— and OLIVER, A.: Development of visual acuity, 47
CAVELL, B., SVENNINGSEN, N., THULIN, T., and SCHERSTÉN, B.: Rapid detection of neonatal hypoglycaemia. Evaluation of Dextrostix Reflectance Meter system: short report, 398
CHALLACOMBE, D. N.: Study of duodenal microflora and bile salts in contaminated small bowel syndrome, 825, *P.*
CHANDRA, R. K.: Hepatitis antigen and α-fetoprotein in neonatal hepatitis: short report, 157
—— Reduced bactericidal capacity of polymorphs in iron deficiency, 864
CHANTLER, C., *see* BARRATT, T. M. *et al.*
CHISWICK, M. L., AHMED, A., JACK, P. M. B., and MILNER, R. D. G.: Control of fetal lung development in the rabbit, 709
—— JACK, P. M. B., AHMED, A., and MILNER, R. D. G.: Endocrine control of fetal lung development in the rabbit, 327, *P.*
CHOKSEY, S., *see* FOSBROOKE, A. *et al.*
CHOUKERY, S. K. *see* MILNER, R. D. G. *et al.*
CHRISTENSEN, M. F., *see* LAURSEN, H. B., and CHRISTENSEN, M. F.
CHURMUCKLY, H. E., and MCCRAE, W. M.: Effect of correction of primary late metabolic acidosis on weight gain in premature infants, 831, *P.*
CLAESSON, I.: Intrathoracic tracheal collapsibility—a cineradiographical study, 162, *P.*
CLAIREAUX, A. E., and KEELING, J. W.: Teratomas in children, 159, *P.*
CLARK, S., and ZORAB, P. A.: Hydroxyproline excretion in idiopathic, congenital, and paralytic scoliosis: correspondence, 86
CLARKE, H. G. M., GRANT, D. B., and PUTMAN, D.: Effect of HGH replacement therapy on concentration of 15 serum proteins, 608
CLARKE, T. L., *see* BLAND, R. D. *et al.*
CLAYTON, B. E., *see* FAIRNEY, A. *et al.*
COCKBURN, F., BROWN, J. K., BELTON, N. R., and FORFAR, J. O.: Neonatal convulsions associated with primary disturbance of calcium, phosphorus, and magnesium metabolism, 99
COGSWELL, J. J.: Forced oscillation technique for determination of resistance to breathing in children, 259
—— HATCH, D. J., HULL, D., MILNER, A. D., and TAYLOR, B. W.: Static pulmonary compliance in early childhood, 324, *P.*
—— *see also* MILNER, A. D. *et al.*
COLEMAN, E. N.: The effect of elective cardiac surgery on physical activity and growth, 82, *P.*
—— *see* O'MALLEY, K. *et al.*
COLES, G. V., *see* BARLTROP, D. *et al.*
COLOMBO, J. P., *see* WICK, H. *et al.*
CONE, JR., T. E.: Wilms's tumour—a correction and an apology: correspondence, 984
CORNFELD, D., *see* KARJOO, M. *et al.*
COYER, W. F., *see* BLAND, R. D. *et al.*
CRAST, F. W., *see* BLAND, R. D. *et al.*
CROMBIE, J. D., *see* BELTON, N. R. *et al.*
CROME, L., *see* HANEFELD, F. *et al.*
CROOKS, S. M., *see* LOGAN, R. W. *et al.*
CROSS, K. W., *see* PURCELL, M. *et al.*

DACOU-VOUTETAKIS, C.: Screening for congenital hypothyroidism: a preliminary report, 826, *P.*
DALE, J., *see* WIGGELINKHUIZEN, J. *et al.*
DANESH, B. J. N. Z., and HOUSTON, I. B.: Renal function studies in first week of life, 654, *P.*
DANKS, D. M., *see* PHELAN, P. D. *et al.*
DANON, F., and SELIGMANN, M.: Serum monoclonal immunoglobulins in childhood, 207
DARBY, C. W., DAVIDSON, A. G. F. and DESAI, I. D.: Muscular performance in cystic fibrosis patients and its relation to vitamin E: short report, 72
DARLING, J. A. B., *see* HARKNESS, R. A. *et al.*
DAVID, T. J.: Congenital malformations of human dermatoglyphs, 191
DAVIDSON, A. G. F., *see* DARBY, C. W. *et al.*
DAVIDSON, D. C., FORD. J. A., and MCINTOSH, W. B.: Study of enzyme induction in epileptic children, 831, *P.*
DAVIDSON, S.: Surgery of temporal lobe epilepsy in children, 829, *P.*
DAVIES, D. P.: Plasma osmolality and protein intake in preterm infants, 575

—— Infant feeding practices and plasma osmolality, 656, *P.*
—— and HOLDING, R. E.: Neonatometer: a new infant length measurer, 79, *P.*
—— and SAUNDERS, R.: Blood urea. Normal values in early infancy related to feeding practices: short report, 563
DAVIES, J. PRYSE-, *see* PRYSE-DAVIES, J.
DAVISON, S. H. H., *see* HARDY, J. D. *et al.*
DAVRI-KARAMOUZI, Y., *see* KATTAMIS, C. *et al.*
DAWSON, A. M., *see* BELL, M. *et al.*
DAWSON, B., *see* MITCHELL, R. G., and DAWSON, B.
DAWSON, K. P.: Severe cutaneous reactions to phenytoin: short report, 239
DAY, G., EVANS, K., and WHARTON, B.: Abnormalities of insulin and growth hormone secretion in children with coeliac disease, 41
—— and MEARNS, M. B.: Bronchial lability in cystic fibrosis, 355, 82, *P.*
DELIGEORGIS, D., YANNAKOS, D., and DOXIADIS, S.: Normal size of liver in infancy and childhood: *x*-ray study, 790
DEMETRIOU, D., *see* KATTAMIS, C. *et al.*
DENNIS, N. R., NICHOLAS, J. L., and KOVAR, I.: Oesophageal atresia: short report, 980
DENNISON, W. M.: Urinary diversion in children: correspondence, 985
DENT, C. E., and STAMP, T. C. B.: Treatment of hypophosphataemic rickets due to sex-linked dominant gene, 80, *P.*
DESA, D. J.: Infection and amniotic aspiration of middle ear in stillbirths and neonatal deaths, 872
—— *see* BEAZER, R. *et al.*
BOOTHBY, C. B., and DESA, D. J.
DESAI, I. D., *see* DARBY, C. W. *et al.*
DE SOUZA, S. W., and ADLARD, B. P. F.: Growth of suckling rats after treatment with dexamethasone or cortisol. Implications for steroid therapy in human infants, 519
DEWAR, D. A. E., *see* SAVAGE, D. C. L. *et al.*
DICKSON, W., HALL, C. E., ELLIS, M., and HORROCKS, R. H.: Beclomethasone dipropionate aerosol in childhood asthma, 671
DINWIDDIE, R., and RUSSELL, G.: Pulmonary function in the infant of the diabetic mother, 327, *P.*
—— *see also* RUSSELL, G., and DINWIDDIE, R.
DOBBING, J., and SANDS, J.: Quantitative growth and development of human brain, 757
—— —— Growth retardation and the human fetal brain, 828, *P.*
DOIG, W. B., *see* O'MALLEY, K. *et al.*
DORAY, B., *see* BARD, H. *et al.*
DORMANDY, T. L., *see* ABRAMS, B. A. *et al.*
DOSA, S., HOUSTON, I. B., ALLEN, L. B., and JENNISON, R.: Urinary glucose unreliable as test for urinary tract infection in infancy, 733
DOSHI, R., and LODGE, K. V.: Idiopathic cardiomyopathy in infants, 431
DOUGLAS, D. M., *see* MELLOR, D. H. *et al.*
DOWNHAM, M. A. P. S.: Clinical significance of parainfluenza virus infections in children, 824, *P.*
DOXIADIS, S., *see* DELIGEORGIS, D. *et al.*
DRUMMOND, M., *see* STARK, G. D., and DRUMMOND, M.
DUBOIS, R. S., *see* MACE, J. W. *et al.*
DUBOWITZ, V., *see* MOOSA, A., and DUBOWITZ, V.
DUNN, P. M.: Congenital postural scoliosis, 654, *P.*
DUNNIGAN, M. G., *see* FORD, J. A. *et al.*
DUNSMORE, I. R., *see* CARSWELL, F. *et al.*
DWORKIN, P. H., BELL, B. B., and MIROWSKI, M.: Propranolol in supraventricular tachycardias of childhood 382
DYKES, J. R. W., and SPENCER-PEET, J.: Hepatic glycogen synthetase deficiency: correspondence, 164

EASTMAN, C. J., and LAZARUS, L.: Growth hormone release during sleep in growth retarded children, 502
ECONOMOU-MAVROU, E., *see* ANAGNOSTAKIS, D. *et al.*
EDITORIAL: Infant malnutrition in a developed country, 495
EL LOZY, M., *see* KHALIL, M. *et al.*
ELEMA, J. D.: Hirschsprung's disease: experience with some enzyme histochemical techniques, 160, *P.*
ELLIS, M., *see* DICKSON, W. *et al.*
ELLIS, R. B., *see* BRETT, E. M. *et al.*
ELSEED, A. M.: Assessment of techniques for blood pressure measurement in infants and children, 826, *P.*
—— SHINEBOURNE, E. A., and JOSEPH, M. C.: Assessment of techniques for measurement of blood pressure in infants and children, 932
ELSON, R. A., *see* OWEN, J. R. *et al.*
EMERY, J. L., and MACKENZIE, N.: Factors affecting the form of medullocervical dislocation deformity in relation to meningomyelocele and spina bifida 160, *P.*
—— *see* PROTESTOS, C. D. *et al.*
SWIFT, P. G. F., and EMERY, J. L.
ENHORNING, G., GROSSMAN, G., and ROBERTSON, B.: Effect of tracheal deposition of surfactant on air expansion of lungs—study on premature rabbit fetuses, 162, *P.*
EUROPEAN SOCIETY FOR PAEDIATRIC NEPHROLOGY: Sixth Annual Meeting held in Dublin, 3-7 October 1972, 243
—— —— for the Study of Paediatric Dermatology, inaugural meeting, 1973, 54
EVANS, D. I. K.: Immune response in families of children with acute lymphoblastic leukaemia, 441
—— and HOLZEL, A.: Wilm's-aniridia syndrome with transient hypo-γ-globulinaemia of infancy: short report, 645
EVANS, K., *see* DAY, G. *et al.*

FAIRNEY, A., JACKSON, D., and CLAYTON, B. E.: Measurement of serum parathyroid hormone, with particular reference to some infants with hypocalcaemia, 419
FARQUHAR, J. W., *see* BELTON, N. R. *et al.*
FEATHERBY, E. A., *see* ORME, R. L'E. *et al.*
FEE, W. M., *see* SAVAGE, D. C. L. *et al.*
FERGUSON, A., *see* CARSWELL, F., and FERGUSON, A.

FJULSRUD, S., *see* LEEGAARD, J., and FJULSRUD, S.
FLEMING, A., *see* WHITTLE, H. C. *et al.*
FLYNN, D. M.: 5-year controlled trial of chelating agents in treatment of thalassaemia major, 829, *P.*
FORBES, M.: Quantitative study of vesical ganglia in children with neurospinal dysraphism, 161, *P.*
FORD, J. A., MCINTOSH, W. B., and DUNNIGAN, M. G.: Aetiology of Asian rickets and osteomalacia in the United Kingdom, 827, *P.*
—— *see* DAVIDSON, D. C. *et al.*
FORFAR, J. O., *see* COCKBURN, F. *et al.*
FORSYTHE, C., SAVAGE, D. C. L., CAMERON, J., and MCCAFFERTY, E.: Adrenocortical function in normal, precocious, and delayed puberty, 653, *P.*
FOSBROOKE, A., CHOKSEY, S., and WHARTON, B.: Familial hypo-β-lipoproteinaemia, 729
FOSBROOKE, A. S., *see* TAYLOR, B. W. *et al.*
FRANCE, N. E., *see* HANEFELD, F. *et al.*
FRANK, D., *see* LO, S. S. *et al.*
FRASER, A. M., *see* HARVEY, D. R., and FRASER, A. M.
FREELAND, A. P., *see* BEAZER, R. *et al.*
FREARS, J. F., WILSON, L. C., and FRIEDMAN, M.: Betamethasone 17-valerate by aerosol in childhood asthma, 856
FREEMAN, N. V., *see* BARRAND, K. G., and FREEMAN, N. V.
FRENK, S., *see* PAISEY, R. B. *et al.*
FRIEDMAN, A., *see* NAVEH, Y., and FRIEDMAN, A.
FRIEDMAN, M., *see* ABRAMS, B. A. *et al.*
FREARS, J. F. *et al.*

GAROFALO, E.: Automated method for exchange transfusion: correspondence, 246
GARVEY, M., and MUTTON, D. E.: Sex chromosome aberrations and speech development 937
GAUTIER, M., *see* ODIÈVRE, M. *et al.*
GELDEREN, H. H. VAN, *see* VAN GELDEREN, H. H.
GEMUND, J. J. VAN, VIO, P. M. A., and GIESBEPTS, M. A. H.: Hydroxyproline excretion: correspondence, 658
GENSCHER, U., *see* TELLER, W. M. *et al.*
GEORGE, E., *see* SIMPSON, H. *et al.*
GEORGE, R. H., *see* GWYNN, C. M., and GEORGE, R. H.
GHAZALI, S., BARRATT, T. M., and WILLIAMS, D. I.: Childhood urolithiasis in Britain, 291
GIANOTTI, F.: Papular acrodermatitis of childhood: an Australia antigen disease, 794
GIBSON, A. A. M.: Embryonal carcinoma of vagina in infancy, 163, *P.*
—— *see also* CARSWELL, F. *et al.*
GIESBERTS, M. A. H., *see* GEMUND, J. J. VAN *et al.*
GLASGOW, E. F., *see* MONCRIEFF, M. W. *et al.*
GLASGOW, J. F. T., HAMILTON, J. R., and SASS-KORTSAK, A.: Fat absorption in congenital obstructive liver disease, 601
GODFREY, S.: Exercise-induced asthma in children, 82, *P.*
Treatment of perennial childhood asthma, 824, *P.*
and KÖNIG, P.: Beclomethasone aerosol in childhood asthma, 665
—— *see also* KÖNIG, P., and GODFREY, S.
GOEL, K. M., and SHANKS, R. A.: Long-term prognosis of children with ulcerative colitis, 337, 407, *P.*
GOLDBERG, L. S., *see* BLUESTONE, R. *et al.*
GOMPERTZ, D., BARTLETT, K., BLAIR, D., and STERN, C. M. M.: Child with a defect in leucine metabolism associated with β-hydroxyisovaleric aciduria and β-methylcrotonylglycinuria: short report, 975
—— *see* VALMAN, H. B. *et al.*
GOODCHILD, M. C., NELSON, R., and ANDERSON, C. M.: Cystic fibrosis and coeliac disease: coexistence in two children, 684
GOTLIN, R. W., *see* MACE, J. W. *et al.*
GRACEY, M., and BURKE, V.: Sugar-induced diarrhoea in children: review article, 331
GRANT, D. B.: Abnormal insulin secretion in children with coeliac disease: correspondence, 572
—— HAMBLEY, J., BECKER, D., and PIMSTONE, B. L.: Reduced sulphation factor in undernourished children, 596
—— and PIMSTONE, B. L.: Reduced serum sulphation factor in malnourished children, 656, *P.*
—— *see also* CLARKE, H. G. M. *et al.*
GRANTHAM, E.: Sore bottoms in the newborn: short report, 568
GRECH, P., *see* OWEN, J. R. *et al.*
GREENWOOD, B. M., *see* WHITTLE, H. C. *et al.*
GRIFFITHS, A. D.: Neonatal hypoglycaemia: correspondence, 328
GRIFFITHS, M. I., and JOHN, F. M.: Red cell phospholipid determination in diagnosis of neurological disease: short report, 650
GROSSMAN, G., *see* ENHORNING, G. *et al.*
GUPTA, J. M., *see* VAN VLIET, P. K. J., and GUPTA, J. M.
GUTTERIDGE, J. M. C., *see* ABRAMS, B. A. *et al.*
GWYNN, C. M., and GEORGE, R. H.: Neonatal citrobacter meningitis, 455

HAAS, L., *see* BRETT, E. M. *et al.*
HABEL, A., *see* SIMPSON, H. *et al.*
HADCHOUEL, M., *see* ODIÈVRE, M. *et al.*
HALL, C. E., *see* DICKSON, W. *et al.*
HALL, D. J., *see* MELLOR, D. H. *et al.*
HALTALIN, K. C., NELSON, J. D., and KUSMIESZ, H. T.: Comparative efficacy of nalidixic acid and ampicillin for severe shigellosis, 305
HALVORSEN, K., and HALVORSEN, S.: The 'early anaemia'; its relation to postnatal growth rate, milk feeding, and iron availability. (Experimental study in rabbits), 842
HALVORSEN, S., *see* HALVORSEN, K., and HALVORSEN, S.
HAMBIDGE, K. M., and SILVERMAN, A.: Pica with rapid improvement after dietary zinc supplementation: short report, 567
—— *see also* MACE, J. W. *et al.*
HAMBLEY, J., *see* GRANT, D. B. *et al.*
HAMILTON, J. R., *see* GLASGOW, J. F. T. *et al.*
HAMILTON, W.: Aminoglutethimide in the treatment of congenital adrenal hyperplasia, 828, *P.*
—— Testicular function tests: an integrated approach, 831, *P.*

HAMBLETON, G., and APPLEYARD, W. J.: Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants, 31
HAMMOND, J.: Prognosis of severe cyclical vomiting, 81, *P.*
HANCOCK, B. W.: Clinical assessment of gestational age in the neonate: short report, 152
HANEFELD, F., CROME, L., FRANCE, N. E., and JACKSON, A. D. M.: Congenital adrenal hyperplasia. Report of a case with neurological complications, 554
HARCOURT, B.: Detection and investigation of homonymous hemianopic visual field defects in young children, 826, *P.*
HARDEN, L. B., *see* BLAND, R. D. *et al.*
HARDY, J. D., DAVISON, S. H. H. HIGGINS, M. U., and POLYCARPOU, P. N.: Sweat tests in the newborn period: short report, 316
HARGREAVES, H. M., *see* MONCRIEFF, M. W. *et al.*
HARGREAVES, T.: Effect of fatty acids on bilirubin conjugation, 446
—— Effect of fatty acids on bilirubin conjugation: correspondence, 984
HARKNESS, R. A., DARLING, J. A. B., BAIN, A. D., and SYME, J.: Plasma lecithin-cholesterol acyltransferase deficiency in a child with terminal pulmonary hyaline membrane disease, 906
HARRIES, J. T.: Effects of different bile salts on the absorption of fluid and electrolytes in the jejunum, 79, *P.*
—— *see* BELL, M. *et al.*
KEELING, J. W., and HARRIES, J. T., LAMABADUSURIYA, S. P., and HARRIES, J. T.
HARVEY, D. R., and FRASER, A. M.: Preparation for air travel in a child with sickle-cell anaemia: correspondence, 922
HATCH, D. J., *see* COGSWELL, J. J. *et al.*
HATCHER, G. W., *see* BANISTER, A., and HATCHER, G. W.
HAVNEN, J., AMLIE, P. A., HVATUM, M., OSEID, S., VEGGAN, T., and AAS, K.: IgE concentrations in allergic asthma in children, 850
HEGGARTY, H., TRINDADE, P., and BRYAN, E. M.: Hyperglycaemia in hyperosmolar dehydration: short report, 740
HERMAN, S., and REYNOLDS, E. O. R.: Methods for improving oxygenation in infants mechanically ventilated for severe hyaline membrane disease, 612
HERNÁNDEZ C., G., *see* WEIBEL, R. E. *et al.*
HEWISON, A., *see* LACEY, K. A. *et al.*
HEY, E. N.: Hypoglycaemia in haemolytic disease of the newborn, 79, *P.*
—— Neonatal cold injury, 325, *P.*
HIBBARD, E. D.: Plasma and erythrocyte folate concentrations in normal mature infants: short report, 743
HIGGINS, M. U., *see* HARDY, J. D. *et al.*
HILLEMAN, M. R., *see* WEIBEL, R. E. *et al.*
HITZIG, W. H., *see* LO, S. S. *et al.*
HJALMARSON, O.: Intrathoracic tracheal collapse—a pathophysiological study, 162, *P.*
HODSON, A. K., *see* BURMAN, D. *et al.*
HOLDER, G., *see* RUDD, B. T. *et al.*
HOLDING, R. E., *see* DAVIES, D. P., and HOLDING, R. E.
HOLTON, J. B.: Large-scale investigation of 2 phenylketonuria screening methods and factors affecting blood phenylalanine levels in the newborn, 161, *P.*
HOLTZAPPLE, P. G., *see* KARJOO, M. *et al.*
HOLZEL, A., *see* EVANS, D. I. K., and HOLZEL, A.
HORROCKS, R. H., *see* DICKSON, W. *et al.*
HOUSTON, I. B., *see* DANESH, B. J. N. Z., and HOUSTON, I. B.
—— *see* DOSA, S. *et al.*
HOWLETT, K. A., *see* HUSBAND, P. and HOWLETT, K. A.
HUCH, A., and HUCH, R.: New method for arterial blood sampling in infants and others: short report, 982
HUCH, R., *see* HUCH, A., and HUCH, R.
HUIJING, F.: Hepatic glycogen synthetase deficiency: correspondence, 164
HULL, D., *see* BARTROP, R. W., and HULL, D.
COGSWELL, J. J. *et al.*
MILNER, A. D. *et al.*
HUNTER, A. S., and KEAY, A. J.: Primary endocardial fibroelastosis. An inherited condition: short report, 66
HUNTER, J.: Heparin therapy in meningococcal septicaemia, 233
—— Study of antipyretic therapy in current use, 313
HUSBAND, P., and HOWLETT, K. A.: Renal papillary necrosis in infancy, 116
HUTCHISON, J. H., *see* LOGAN, R. W. *et al.*
HVATUM, M., *see* HAVNEN, J. *et al.*

IKONNE, J. U., *see* BRETT, E. M. *et al.*
ILLINGWORTH, R. S.: Book reviews: correspondence, 573
INGLIS, J., *see* WALKER, C. H. M. *et al.*
IVEMARK, B.: Lipid histochemical study in Fabry's disease, 160, *P.*
—— and SANDSTEDT, B.: Scanning electron microscopy of human placenta, 162, *P.*

JACK, P. M. B., *see* CHISWICK, M. L. *et al.*
JACKSON, A. D. M., *see* HANEFELD, F. *et al.*
JACKSON, D., *see* FAIRNEY, A. *et al.*
JAFFE, E., *see* STIMMLER, L. *et al.*
JENNISON, R., *see* DOSA, S. *et al.*
JIVANI, S. K. M., and RAYNER, P. H. W.: Does control influence the growth of diabetic children? 109
—— *see* RUDD, B. T. *et al.*
JOHN, F. M., *see* GRIFFITHS, M. I., and JOHN, F. M.
JOHNSTON, D. I., and BLOOM S. R.: Plasma glucagon levels in the term human infant and effect of hypoxia, 451
JOHNSTON, D. M.: Development of mammalian fast muscle: dynamic and biochemical properties correlated, 654, *P.*
JONES, D. M., TOBIN, B. M., and BUTTERWORTH, A.: Three cases of meningococcal infection in a family, associated with a deficient immune response: short report, 742
JONES, D. R. Childhood infections with opportunist mycobacteria, 81, *P.*
JONES, R. S.: Beclomethasone in childhood asthma: annotation, 663

JONXIS, J. H. P., and VAN LUYK, W. H. J.: Tubular reabsorption of amino acids in vitamin C deficiency: short report, 402
JOSEPH, M. C., *see* ELSEED, A. M. *et al.*

KAPPAGODA, C. T., STOKER, J. B., and LINDEN, R. J.: A new method for the assessment of acute acid-base disorders, 79, *P.*
KARAMBULA, K. *see* KATTAMIS, C. *et al.*
KARAMOUZI, Y. DAVRI-, *see* DAVRI-KARAMOUZI, Y.
KARJOO, M., KOOP, C. E., CORNFELD, D., and HOLTZAPPLE, P. G.: Pancreatic exocrine enzyme deficiency associated with asphyxiating thoracic dystrophy, 143
KASCHULA, R. O. C., *see* WIGGELINKHUIZEN, J. *et al.*
KATTAMIS, C., DEMETRIOU D., KARAMBULA, K., DAVRI-KARAMOUZI, Y., and MATSANIOTIS, N.: Neonatal hepatitis associated with Australia antigen (Au-1), 133
KATZ, F. H., *see* MACE, J. W. *et al.*
KEARNEY, P. J.: Mini exchange plasma transfusion: short report, 236
KEAY, A. J., *see* HUNTER, A. S., and KEAY, A. J.
RATCLIFFE, S. G., and KEAY, A. J.
KEELING, J. W., and HARRIES, J. T.: Intestinal malabsorption in infants with histiocytosis X, 350
—— *see also* CLAIREAUX, A. E., and KEELING, J. W.
KEEN, J. H., and LEE, D.: Sequelae of neonatal convulsions. Study of 112 infants, 542
KELLER, P. J.: Endocrine parameters of fetal well-being, 84, *P.*
KELLY, T. E.: Globoid cell leucodystrophy: correspondence, 165
KENT, M., *see* ROBINSON, M. J. *et al.*
KERR, M. M., *see* BOOTHMAN, R. *et al.*
CARSWELL, F. *et al.*
LOGAN, R. W. *et al.*
KHALIL, M., TANIOS, A., MOGHAZY, M., AREF, M K., MAHMOUD, S., and EL LOZY, M.: Serum and red cell folates, and serum vitamin B_{12} in protein calorie malnutrition, 366
KOBAYASHI, A., UTSUNOMIYA, T., OHBE, Y., and SHIMIZU, K.: Ascending cholangitis after successful surgical repair of biliary atresia, 697
KÖNIG P., and GODFREY, S.: Prevalence of exercise-induced bronchial lability in families of children with asthma, 513
—— —— Exercise-induced bronchial lability and atopic status of families of infants with wheezy bronchitis, 942
—— *see also* GODFREY, S., and KÖNIG, P.
KOOP, C. E., *see* KARJOO, M. *et al.*
KORTSAK, A. SASS-, *see* SASS-KORTSAK, A.
KOVAR, I., *see* DENNIS, N. R. *et al.*
KUIJTEN, R. H., *see* WIGGELINKHUIZEN, J. *et al.*
KUSMIESZ, H. T., *see* HALTALIN, K. C. *et al.*
KUZEMKO, J. A.: Intestinal biopsy technique: correspondence, 922
—— and PAALA, J.: Apnoeic attacks in the newborn treated with aminophylline: short report, 404

LACEY, K. A.: Community study of short stature, 826, *P.*
—— HEWISON, A., and PARKIN, J. M.: Exercise as a screening test for growth hormone deficiency in children, 508
LAKE, B. D., *see* BRETT, E. M. *et al.*
TARLOW, M. J. *et al.*
LAMABADUSURIYA, S. P., and HARRIES, J. T.: Inhibition of deoxycholate-induced secretion of fluid in jejunum by mixed micellar solutions, 656, *P.*
LAPATSANIS, P.: Calcium, phosphorus, and magnesium balance studies in homozygous thalassaemia, 829, *P.*
LAURSEN, H. B., and CHRISTENSEN, M. F.: Immunoglobulins in normal infant born of severe hypo-γ-globulinaemic mother: short report, 646
LAWSON, D.: Mist therapy in cystic fibrosis: correspondence, 408
LAXOVA, R., OHARA, P. T., RIDLER, M. A. C., and TIMOTHY, J. A. D.: Family with probable achondrogenesis and lipid inclusions in fibroblasts, 212
LAZARUS, L., *see* EASTMAN, C. J., and LAZARUS, L.
LEE, D., *see* KEEN, J. H., and LEE, D.
LEEGAARD, J., and FJULSRUD, S.: Terbutaline in children with asthma, 229
LEISTI, J., LEISTI, S., PERHEENTUPA, J., SAVILAHTI, E., and AULA, P.: Absence of IgA and growth hormone deficiency associated with short arm deletion of chromosome 18: short report, 320
LEISTI, S., *see* LEISTI, J. *et al.*
LEMONNIER, A., *see* ODIÈVRE, M. *et al.*
LEVILLAIN, P., *see* ODIÈVRE, M. *et al.*
LIAKAKOS, D., *see* ANAGNOSTAKIS, D. *et al.*
LILLY, P. M., *see* NEVILLE, B. G. R., and LILLY, P. M.
LINDEN, R. J., *see* KAPPAGODA, C. T. *et al.*
LINES, D. R., and SWANSON, M.: Dietary requirement of phenylalanine in infants with hyperphenylalinaemia: short report, 648
LLOYD, J. K., *see* BROOK, C. G. D., and LLOYD, J. K.
TARLOW, M. J. *et al.*
WEST, R. J., and LLOYD, J. K.
LO, S. S., FRANK, D., and HITZIG, W. H.: Vitamin E and haemolytic anaemia in premature infants, 360
LODGE, K. V., *see* DOSHI, R., and LODGE, K. V.
LOGAN, R. W., CROOKS, S. M., HUTCHISON, J. H., and KERR, M. M.: Blood carbonic anhydrase activity in the newborn, 256
—— *see* CARSWELL, F., and LOGAN, R. W.
LOWIT, I., *see* MELLOR, D. H. *et al.*
LOWRY, M. F.: Automated method for exchange transfusion: correspondence, 408
LOZY, M. EL, *see* EL LOZY, M.
LUNT, H. R. W., *see* MONCRIEFF, M. W. *et al.*
LUYK, W. H. J. VAN, *see* VAN LUYK, W. H. J.
LUZEAU, R., *see* ODIÈVRE, M. *et al.*

MCALLISTER, T. A., *see* CARSWELL, F. *et al.*
MCCAFFERTY, E., *see* FORSYTHE, C. *et al.*
MCCANCE, R. A., *see* BARLTROP, D, *et al.*
WILKINSON, A. W., and MCCANCE, R. A.

MACE, J. W., HAMBIDGE, K. M., GOTLIN, R. W., DUBOIS, R. S., SOLOMONS, C. S., and KATZ, F. H.: Magnesium supplementation in Bartter's syndrome: short report, 485
McCRAE, W. M., *see* CHURMUCKLY, H. E., and McCRAE, W. M.
McENERY, G., and NASH, F. W.: Wiskott-Aldrich syndrome associated with idiopathic infantile cortical hyperostosis (Caffey's disease): short report, 818
McHARDY, M., *see* SAVAGE, D. C. L. *et al.*
McINTOSH, N.: Pituitary-adrenal function in thalassaemia major, 653, *P.*
McINTOSH, W. B., *see* DAVIDSON, D. C. *et al.*
FORD, J. A. *et al.*
MacKENZIE, N., *see* EMERY, J. L., and MacKENZIE, N.
McKERAN, R. O., *see* ANDREWS, T. M. *et al.*
MACKINTOSH, T. F., and WALKER, C. H. M.: Blood viscosity in the newborn, 547
McPHERSON, K., *see* ANDREWS, T. M. *et al.*
McWEENY, P. M., *see* PROSTESTOS, C. D. *et al.*
McWHIRTER, W. R.: Plasma tocopherol values in infants and children, 325, *P.*
MADDEN, W. A., *see* BLAND, R. D. *et al.*
MAHMOUD, S., *see* KHALIL, M. *et al.*
MANN, J. R., *see* WINTERBORN, M. H., and MANN, J. R.
MARCH, Y., *see* BROOKE, O. G., and MARCH, Y.
MARSDEN, H. B.: Protracted measles, 163, *P.*
MARSHALL, M. J., *see* BOOTHMAN, R. *et al.*
MARSHALL, W. C., *see* PECKHAM, C. S. *et al.*
MARTINEAU, B., *see* BARD, H. *et al.*
MASAWE, A. E. J., and RWABWOGO-ATENYI, J.: Serum protein and transferrin determinations to distinguish kwashiorkor from iron deficiency anaemia, 927
MATSANIOTIS, N., *see* KATTAMIS, C. *et al.*
ZOUMBOULAKIS, D. *et al.*
MATTHEW, D. J., *see* SIMPSON, H., and MATTHEW, D. J.
MAVROU, E. ECONOMOU-, *see* ECONOMOU-MAVROU, E.
MEADOW, S. R.: Urinary diversion in children: correspondence, 657
MEARNS, M. B., *see* DAY, G., and MEARNS, M. B.
MELLOR, D. H. EEG findings and behaviour in children with a history of epilepsy, 80. *P.*
—— Incidence of certain behaviour symptoms in 295 epileptic schoolchildren compared with matched controls, 830, *P.*
—— LOWIT, I., and HALL, D. J.: Familial factors and perinatal problems in idiopathic childhood epilepsy, 324, *P.*
—— RICHARDSON, J. E., and DOUGLAS, D. M.: Goldenhar's syndrome, oculoauriculo-vertebral dysplasia, 537
MEYER, J. L., *see* BLAND, R. D. *et al.*
MICKLESON, K. N. P., *see* MILNER, R. D. G. *et al.*
MIHATSCH, M. J., *see* WICK, H. *et al.*
MILLA, P. J.: Control of infection in children with leukaemia and lymphomas, 827, *P*
MILLER, V., *see* WATSON, G. H., and MILLER, V.
MILNER, A. D., COGSWELL, J. J., HULL, D., and NORMAN, A. P.: Assessment of airways resistance in children, 82, *P.*
—— *see also* COGSWELL, J. J. *et al.*
MILNER, R. D. G., CHOUKSEY, S. K., and ASSAN, R.: Metabolic and hormonal effects of glucagon infusion in erythroblastotic infants, 885
—— —— MICKLESON, K. N. P. and ASSAN, R.: Plasma pancreatic glucagon and insulin: glucagon ratio at birth: short report, 241
—— *see also* CHISWICK, M. L. *et al.*
MIROWSKI, M., *see* DWORKIN, P. H. *et al.*
MITCHELL, R. G., and DAWSON, B.: Educational and social characteristics of children with asthma. 467
MOFFAT, W. M. U., *see* SIBERT, J. R., and MOFFAT, W. M. U.
MOGHAZY, M., *see* KHALIL, M. *et al.*
MONCRIEFF, M. W., GLASGOW, E. F., ARTHUR, L. J. H., and HARGREAVES, H. M.: Glomerulonephritis associated with *Staphylococcus albus* in a Spitz Holter valve: short report, 69
—— LUNT, H. R. W., and ARTHUR, L. J. H.: Nutritional rickets at puberty, 221
MOORE, A. BRADLEY-, *see* BRADLEY-MOORE, A.
MOOSA, A.: Nerve conduction and electromyography in paediatric practice, 80, *P.*
—— and DUBOWITZ, V.: Spinal muscular atrophy in childhood. Two clues to clinical diagnosis, 386
MORLEY, D. C.: Birth interval, maternal care, and child health, 82, *P.*
MORRISON, J. B.: Natural history of segmental lesions in primary pulmonary tuberculosis. Long-term review of 383 patients, 90
MOSCHOS, A., *see* ANAGNOSTAKIS, D. *et al.*
MOWAT, A. P.: Encephalopathy and fatty degeneration of viscera. Reye's syndrome: annotation, 411
MUTTON, D. E., *see* GARVEY, M., and MUTTON, D. E.

NASH, F. W., *see* McENERY, G., and NASH, F. W.
NASH, H.: Treatment with new synthetic analogue of vasopressin in diabetes insipidus: short report, 979
NAVEH, Y., and FRIEDMAN, A.: Rifampicin therapy in Gram-negative bacteraemia in infancy, 967
NELSON, J. D., *see* HALTALIN, K. C. *et al.*
NELSON, R., *see* GOODCHILD, M. C. *et al.*
NEONATAL SOCIETY: Meeting held on 18th May 1972 at Sheffield, 85
—— —— Meeting held on 2 November 1972 in London, 245
—— —— meeting held on February 1 1973, St. Thomas's Hospital, London, S.E.1., 493, 571
NEVILLE, B. G. R., and LILLY, P. M.: Histidinaemia: its significance in neonatal screening, 325, *P.*
NICHOLAS, J. L., *see* DENNIS, N. R. *et al.*
NORMAN, A. P., *see* MILNER, A. D. *et al.*

OCCLESHAW, J. V., *see* SEDZIMIR, C. B. *et al.*
O'CONNELL, B., *see* ROBINSON, A., and O'CONNELL, B.
ODIÈVRE, M., GAUTIER, M., HADCHOUEL, M., and ALAGILLE, D.: Severe familial intrahepatic cholestasis, 806

—— LEVILLAIN, P., LUZEAU, R., and LEMONNIER, A.: Effect of fatty acids on bilirubin conjugation: correspondence, 984
OGG, C. S., *see* BARRATT, T. M. *et al.*
OHARA, P. T., *see* LAXOVA, R. *et al.*
OHBE, Y., *see* KOBAYASHI, A. *et al.*
OHNACKER, H., *see* WICK, H. *et al.*
OLIVER, A., *see* CATFORD, G. V., and OLIVER, A.
O'MALLEY, K., COLEMAN, E. N., DOIG, W. B., and STEVENSON, I. H.: Plasma digoxin levels in infants, 55
OPPÉ, T. E., *see* BARLTROP, D., and OPPÉ, T. E.
ORME, R. L'E., FEATHERBY, E. A., RIGATTO, H., and BRADY, J. P.: Pulmonary capillary blood flow in preterm infants with respiratory distress, 655, *P.*
OSEID, S., *see* HAVNEN, J. *et al.*
OSTBERG, G.: Child mortality in Malmö, 159, *P.*
OWEN, J. R., ELSON, R. A., and GRECH, P.: Generalized hypermobility of joints. Arthrochalasis multiplex congenita: short report 487

PAALA, J., *see* KUZEMKO, J. A., and PAALA, J.
PAEDIATRIC PATHOLOGY SOCIETY, 17th Meeting, Sweden, October 1971, 159
—— —— —— Autumn Meeting, Edinburgh, 6 and 7 October 1972, 324
—— —— —— Spring Meeting, Oxford, March 1973, 653
PAISEY, R. B., ANGERS, M., and FRENK, S.: Plasma cortisol levels in malnourished children with and without superimposed acute stress, 714
PALIT, A., *see* BRUETON, M. J. *et al.*
PAMPIGLIONE, G.: Is the tuberous sclerosis syndrome a rare condition? 830, *P.*
PAPADATOS, C.: Immunoglobulin levels in postmature newborns, 826, *P.*
PARKIN, J. M.: Syndrome of growth resistance, obesity, and intellectual impairment with precocious puberty: correspondence, 86
—— A longitudinal study of village children in Uganda, 82, *P.*
—— *see also* LACEY, K. A. *et al.*
PARRY, T. E.: Intravascular coagulation in meningococcal septicaemia, 163, *P.*
PATRICK, A. D., *see* BRETT, E. M. *et al.*
VALMAN, H. B. *et al.*
PEARN, J. H., and WILSON, J.: Acute Werdnig-Hoffmann disease. Acute infantile spinal muscular atrophy, 425
—— ——: Chronic generalized spinal muscular atrophy of infancy and childhood: arrested Werdnig-Hoffmann disease, 768
PECKHAM, C. S., SHEPPARD, S., and MARSHALL, W. C.: Surveillance of congenital rubella defects, 826, *P.*
PEET, J. SPENCER-, *see* SPENCER-PEET, J.
PERHEENTUPA, J., *see* LEISTI, J. *et al.*
PERLMAN, M., and REISNER, S. H.: Asymmetric crying facies and congenital anomalies, 627
PHELAN, P. D., STOCKS, J. G., WILLIAMS, H. E., and DANKS, D. M.: Familial occurrence of congenital laryngeal clefts, 275
PICKERING, D., *see* SEARS, W. *et al.*
SMITH, E. H., and PICKERING, D.
PIMSTONE, B. L., *see* GRANT, D. B., and PIMSTONE, B. L.
GRANT, D. B. *et al.*
PINKERTON, P.: Paediatrics and child psychiatry. The case for collaboration: personal comment, 970
PLANTEYDT, H. T.: Some special aspects of the perinatal mortality survey in Zeeland (Netherlands) 1962-67, 159, *P.*
PLATT, J. W., *see* VALMAN, H. B. *et al.*
POLE, J. G.: Childhood leukaemia presenting in the central nervous system, 867
POLYCARPOU, P. N., *see* HARDY, J. D. *et al.*
POPOVIĆ-ROLOVIĆ, M.: Serum C3 levels in acute glomerulonephritis and postnephritic children, 622
PORTER, C. A.: Neonatal hepatitis and x-l-antitrypsin deficiency, 80. *P.*
POWELL, S. J., *see* SCRAGG, J. N., and POWELL, S. J.
PRICE, D. M. C., and TROUNCE, D. Q.: Cyclic oculomotor paralysis, 881
PRICE, H. V.: Hydatid disease of interatrial septum: short report, 816
—— Controlled clinical trial of corticosteroid therapy in prophylaxis of respiratory distress syndrome, 325, *P.*
PROSSER, R., *see* BRUETON, M. J. *et al.*
PROTESTOS, C. D., CARPENTER, R. G., McWEENY, P. M., and EMERY, J. L.: Obstetric and perinatal histories of children who died unexpectedly (cot death), 835
PRYSE-DAVIES, J.: Brain swelling in the newborn: artefact, development, or pathology? 161, *P.*
PUITTINEN, J. J.: Thymoma associated with leukaemoid infiltrates in the brain, 162, *P.*
PURCELL, M., BOLTON, D. P. G., and CROSS, K. W.: Upper airway obstruction in the infant, 824, *P.*
PUTMAN, D., *see* CLARKE, H. G. M. *et al.*

RAPOLA, J.: Light and electron micropscopical changes in congenital nephrotic syndrome, 163, *P.*
RATCLIFFE, S. G., and KEAY, A. J.: Chromosome studies on 11,000 newborn infants, 407, *P.*
RAVID, M., *see* SOHAR, E. *et al.*
RAYNER, P. H. W., *see* JIVANI, S. K. M., and RAYNER, P. H. W.
RUDD, B. T. *et al.*
REID, I. S.: Biliary tract abnormalities associated with duodenal atresia, 952
REISNER, S. H., *see* PERLMAN, M., and REISNER, S. H.
REYNOLDS, E. O. R., *see* HERMAN, S., and REYNOLDS, E. O. R.
RICHARDSON, J. E., *see* MELLOR, D. H. *et al.*
RIDLER, M. A. C., *see* LAXOVA, R. *et al.*
RIES, J. P., *see* BLAND, R. D. *et al.*
RIGATTO, H., *see* ORME, R. L'E. *et al.*
ROBARTS, M. F.: Plasma nephelometry after oral fat loading in children with normal and abnormal jejunal morphology, 656, *P.*
ROBERTON, N. R. C., *see* BEAZER, R. *et al.*
ROBERTS, J. R., *see* SEDZIMIR, C. B. *et al.*
ROBERTSON, B., *see* ENHORNING, G. *et al.*
ROBINS, S. P., *see* BELTON, N. R. *et al.*

ROBINSON, A., and O'CONNELL, B.: Parameters for monitoring growth in children with congenital adrenal hyperplasia 828, *P.*
ROBINSON, M. J., KENT, M., and STOCKS, J.: Phaeochromocytoma in childhood. Report of 3 cases, 137
ROLLES, C. J.: Usefulness of a modified D-xylose absorption test in the preliminary diagnosis of coeliac disease and its later confirmation, 825, *P.*
ROLOVIĆ, M. POPOVIĆ-, *see* POPOVIĆ-ROLOVIĆ, M.
ROMMEL, K., *see* TELLER, W. M.
ROSENBLOOM, L., *see* SHAHEED, W. A., and ROSENBLOOM, L.
ROSSITER, M., *see* WALKER-SMITH, J., and ROSSITER, M.
ROSSITER, M. A.: Metabolic responses to a milk feed in children with coeliac disease, 79, *P.*
RUDD, B. T., RAYNER, P. H. W., and JIVANI, S. K. M.: Plasma and urine testosterone responses to human chorionic gonadotrophin (HCG) in children with delayed puberty, 653, *P.*
—— —— SMITH, M. R., HOLDER, G., JIVANI, S. K. M., and THEODORIDIS, C. G.: Effect of human chorionic gonadotrophin on plasma and urine testosterone in boys with delayed puberty, 590
RUSHTON, D. I.: Spongiform changes in neonatal and infant brain, 163, *P.*
RUSSELL, G., and DINWIDDIE, R.: Measurement of intrathoracic pressure in the newborn, 325, *P.*
—— *see also* DINWIDDIE, R., and RUSSELL, G.
RWABWOGO-ATENYI, J., *see* MASAWE, A. E. J., and RWABWOGO-ATENYI, J.

SANDS, J., *see* DOBBING, J., and SANDS, J.
SANDSTEDT, B., *see* IVEMARK, B., and SANDSTEDT, B.
SARSFIELD, J. K.: Environmental, clinical, and immunological study of house dust mite in childhood asthma, 655, *P.*
SASS-KORTSAK, A., *see* GLASGOW, J. F. T. *et al.*
SAUNDERS, R., *see* DAVIES, D. P., and SAUNDERS, R.
SAVAGE, D. C. L.: Excretion of individual 17-oxosteroids and corticosteroids in the urine of children with small stature, 80, *P.*
—— WILSON, M. I., MCHARDY, M., DEWAR, D. A. E., and FEE, W. M.: Covert bacteriuria of childhood. A clinical and epidemiological study, 8
—— *see also* FORSYTHE, C. *et al.*
WALKER, C. H. M. *et al.*
SAVILAHTI, E., *see* LEISTI, J. *et al.*
SCAPA, E., *see* SOHAR, E. *et al.*
SCHERSTÉN, B., *see* CAVELL, B. *et al.*
SCHWARTZ, M. W., *see* SOKOL, G. M., and SCHWARTZ, M. W.
SCOPES, J., *see* SERTEL, H., and SCOPES, J.
SCOTT, J. E. S.: Urinary diversion in children, 199
SCOTTISH PAEDIATRIC SOCIETY, Jubilee Annual General Meeting, Glasgow, November 1972, 407
—— —— —— meeting, 1972, Aviemore Centre, 76
—— —— —— Summer Meeting, Aberdeen, June 1973, 831
SCRAGG, J. N., and POWELL, S. J.: Metronidazole in treatment of children with amoebic liver abscess: short report, 911
SEAKINS, J. W. T., *see* VALMAN, H. B. *et al.*
SEARS, W., PICKERING, D., and WATANA, W.: Cardiac failure due to acute bacterial endocarditis treated with peritoneal dialysis and aortic valve replacement: short report, 322
SEDZIMIR, C. B., ROBERTS, J. R., and OCCLESHAW, J. V.: Massive diastematomyelia without cutaneous dysraphism: short report, 400
SELIGMANN, M., *see* DANON, F., and SELIGMANN, M.
SELLER, M. J., and BENSON, P. F.: *In vivo* effect of adenosine 3′, 5′-monophosphate on Ehrlich ascites tumour cells, 326, *P.*
SERTEL, H., and SCOPES, J.: Rates of creatinine clearance in babies less than one week of age, 717
SHAHEED, W. A., and ROSENBLOOM, L.: Down's syndrome with diabetes mellitus and hypothyroidism: short report, 917
SHANKS, R. A., *see* GOEL, K. M., and SHANKS, R. A.
SHARMA, L. K.: Congenital skin aplasia affecting trunk: short report, 813
SHEPPARD, S., *see* PECKHAM, C. S. *et al.*
SHIMIZU, K., *see* KOBAYASHI, A. *et al.*
SHINEBOURNE, E. A., *see* ELSEED, A. M. *et al.*
SIBERT, J. R.: Hereditary pancreatitis in a Newcastle family, 618
—— and MOFFAT, W. M. U.: Hereditary pseudo vitamin D deficiency rickets in a Pakistani infant: short report, 814
SILVERMAN, A., *see* HAMBIDGE, K. M., and SILVERMAN, A.
SIMPSON, H., HABEL, A., and GEORGE, E.: Observations on lactate and pyruvate concentrations, lactate/pyruvate ratios, and acid-base variables in simultaneously sampled arterial blood and CSF after presumed acute hypoxia in infants and children, 655. *P.*
—— and MATTHEW, D. J.: Acute lower respiratory tract infections in children: observations on aetiology and management, 832, *P.*
SMITH, A. D.: Heparin therapy in meningococcal septicaemia: correspondence, 748
SMITH, E. H., and PICKERING, D.: Near-drowning in Oxford children, 655, *P.*
SMITH, J. WALKER-, *see* WALKER-SMITH, J.
SMITH, M. R., *see* RUDD, B. T. *et al.*
SNODGRASS, G. A. I., *see* STIMMLER, L. *et al.*
SNODGRASS, G. J. A. I., STIMMLER, L., WENT, J., ABRAMS, M. E., and WILL, E. J.: Interrelations of plasma calcium, inorganic phosphate, magnesium, and protein over the first week of life, 279
—— *see also* STIMMLER, L. *et al.*
Society for Ear, Nose and Throat Advances in Children, foundation February 1973, 659
SOHAR, E., SCAPA, E., and RAVID, M.: Constancy of relative body weight in children, 389
SOKOL, G., *see* TAYLOR, B., and SOKOL, G.
SOKOL, G. M., and SCHWARTZ, M. W.: Urinary complications of lipomyelomeningocele, 560
SOLOMONS, C. S., *see* MACE, J. W. *et al.*
SOOTHILL, J. F., *see* BARRATT, T. M. *et al.*
SOUZA, S. W. DE, *see* DE SOUZA, S. W.

SPEAR, G. A., *see* SUSKIND, R. *et al.*
SPENCER-PEET, J., *see* DYKES, J. R. W., and SPENCER-PEET, J.
STAMP, T. C. B.: Vitamin D metabolism: recent advances: review article, 2
—— *see also* DENT, C. E., and STAMP, T. C. B.
STARK, G. D., and DRUMMOND, M.: Results of selective early operation in myelomeningocele, 676
STEPHEN, R., *see* BELTON, N. R. *et al.*
STEPHENS, R., *see* BRETT, E. M. *et al.*
STERN, C. M. M., *see* GOMPERTZ, D. *et al.*
STERN, H.: Monitoring of virus infections during pregnancy, 83. *P.*
—— *see also* BLUESTONE, R. *et al.*
STEVENSON, I. H., *see* O'MALLEY, K. *et al.*
STIMMLER, L., SNODGRASS, G. A. I., and BROWN, D.: Effect of renal function on plasma calcium in the newborn, 324, *P.*
—— SNODGRASS, G. J. A. I., and JAFFE, E.: Dental defects associated with neonatal symptomatic hypocalcaemia, 217
—— —— —— Dental defects associated with neonatal symptomatic hypocalcaemia, 79, *P.*
—— *see also* SNODGRASS, G. J. A. I. *et al.*
STOCKS, J., *see* ABRAMS, B. A. *et al.*
ROBINSON, M. J. *et al.*
STOCKS, J. G., *see* PHELAN, P. D. *et al.*
STOKER, J. B., *see* KAPPAGODA, C. T. *et al.*
STOKES, Jr., J., *see* WEIBEL, R. E. *et al.*
STRELLING, M. K.: Should low birthweight infants be given supplements of folic acid? 827, *P.*
SUSKIND, R., WINKELSTEIN, J. A., and SPEAR, G. A.: Nephrotic syndrome in congenital syphilis: short report, 237
SVENNINGSEN, N., *see* CAVELL, B. *et al.*
SWANSON, M., *see* LINES, D. R., and SWANSON, M.
SWIFT, P. G. F., and EMERY, J. L.: Clinical observations on response to nasal occlusion in infancy, 947
SWIFT, P. N.: The organization of inpatient care in an up-country hospital (Mbale, Uganda), 82, *P.*
SYME, J., *see* HARKNESS, R. A. *et al.*

TABB, P. A., *see* WALKER, C. H. M. *et al.*
TANIOS, A., *see* KHALIL, M. *et al.*
TANNER, J. M., and WHITEHOUSE, R. H.: Height and weight charts from birth to 5 years allowing for length of gestation: for use in infant welfare clinics, 786
TARLOW, M., and THOM, H.: Organic anions and stool volume in the newborn, 326, *P.*
—— LAKE, B. D., and LLOYD, J. K.: Chronic lactic acidosis in association with myopathy: short report, 489
TAYLOR, B., and SOKOL, G.: Cystic fibrosis and coeliac disease. Report of two cases, 692
TAYLOR, B. W., WATTS, J. L., and FOSBROOKE, A. S.: Vitamin E therapy in cystic fibrosis: correspondence, 657
—— *see also* COGSWELL, J. J. *et al.*
TAYLOR, M.: Fallot's tetralogy: the functional effect of total surgical correction, 82, *P.*
TEASDALE, F., *see* BARD, H. *et al.*
TEIJEMA, H. L., *see* VAN GELDEREN, H. H., and TEIJEMA, H. L.
TELLER, W. M., GENSCHER, U. BURKHARDT, H., and ROMMEL, K.: Hydroxyproline excretion in various forms of growth failure, 127
THEODORIDIS, C. G., *see* RUDD, B. T. *et al.*
THOM, H., *see* TARLOW, M., and THOM, H.
THULIN, T., *see* CAVELL, B. *et al.*
TIMOTHY, J. A. D., *see* LAXOVA, R. *et al.*
TOBIN, B. M., *see* JONES, D. M. *et al.*
TOWNLEY, R. R. W., and BARNES, G. L.: Intestinal biopsy in childhood: personal practice, 480
—— *see also* BARNES G. L., and TOWNLEY, R. R. W.
TRINDADE, P., *see* HEGGARTY, H. *et al.*
TROUNCE, D. Q., *see* PRICE, D. M. C., and TROUNCE, D. Q.
TUCKER, S. M., *see* BLUESTONE, R. *et al.*
TURNER, B., *see* WALKER-SMITH, J. A. *et al.*
WILCKEN, B., and TURNER, B.

UTSUNOMIYA, T., *see* KOBAYASHI, A. *et al.*
UTTLEY, W.: Urinary FDP in children with renal disease, 326, *P.*
UYS, C. J., *see* WIGGELINKHUIZEN, J. *et al.*

VALASSI-ADAM, H.: Immunoglobulin levels in children with thalassaemia, 828, *P.*
VALMAN, H. B. Long-term prognosis after resection of the ileum in childhood, 79, *P.*
—— PATRICK, A. D., SEAKINS, J. W. T., PLATT, J. W., and GOMPERTZ, D.: Family with intermittent maple syrup urine disease, 225
VAN GELDEREN, H. H., and TEIJEMA, H. L.: Hyperlysinaemia. Harmless inborn error of metabolism? 892
VAN GEMUND, J. J., *see* GEMUND, J. J. VAN
VAN LUYK, W. H. J., *see* JONXIS, J. H. P., and VAN LUYK, W. H. J.
VAN VLIET, P. K. J., and GUPTA, J. M.: THAM *v.* sodium bicarbonate in idiopathic respiratory distress syndrome, 249
—— —— Prophylactic antibiotics in umbilical artery catheterization in the newborn, 296
VEGGAN, T., *see* HAVNEN, J. *et al.*
VERMA, T. R., and BANKOLE, M. A.: Lymphovenous obstruction in anomalous midgut rotation: short report, 154
VILLAREJOS, V. M., *see* WEIBEL, R. E. *et al.*
VIO, P. M. A., *see* GEMUND, J. J. VAN *et al.*
VISSER, H. K. A.: Some physiological and clinical aspects of puberty: review article, 169
VLACHOS, P., *see* ANAGNOSTAKIS, D. *et al.*
VLIET, P. K. J. VAN, *see* VAN VLIET, P. K. J.
VOUTETAKIS, C. DACOU-, *see* DACOU-VOUTETAKIS, C.
VOWELS, M. R., and WILLOUGHBY, M. L. N.: Cyclic chemotherapy in acute lymphoblastic leukaemia of childhood. 5-year survivals. 436

WAGGET, J., AHERNE, G., and AHERNE, W.: Familial neuroblastoma: report of two sib pairs: short report, 63
WALKER, C. H. M., TABB, P. A., INGLIS, J., and SAVAGE, D. C. L.: Controlled trial of phototherapy of limited duration in the treatment of physiological hyperbilirubinaemia in low birthweight infants, 78, *P.*
—— *see also* MACKINTOSH, T. F., and WALKER, C. H. M.
WALKER-SMITH, J., and BLOMFIELD, J.: Wilson's disease or chronic copper poisoning? 476
—— and ROSSITER, M.: Abnormal mucosa in gastroenteritis: correspondence, 746
WALKER-SMITH, J. A., TURNER, B., BLOMFIELD, J., and WISE, G.: Therapeutic implications of copper deficiency in Menkes's steely-hair syndrome, 958
WALLACE, S. J.: Febrile convulsions: factors in recurrence, 830, *P.*
WARTON, K. L., *see* BLOMFIELD, J. *et al.*
WATANA, W., *see* SEARS, W. *et al.*
WATERS, A. H., *see* BELL M. *et al.*
WATSON, G. H.: Arteriohepatic dysplasia: correspondence, 985
—— and MILLER, V.: Arteriohepatic dysplasia. Familial pulmonary arterial stenosis with neonatal liver disease. 459
WATTS, J. L., *see* TAYLOR, B. W. *et al.*
WATTS, R. W. E., *see* ANDREWS, T. M. *et al.*
WEIBEL, R. E., VILLAREJOS, V. M., HERNÁNDEZ C., G., STOKES, Jr., J., BUYNAK, E. B., and HILLEMAN, M. R.: Combined live measles-mumps virus vaccine, 532
WENT, J., *see* SNODGRASS, G. J. A. I. *et al.*
WEST, R. J., and LLOYD, J. K.: Use of cholestyramine in treatment of children with familial hypercholesterolaemia, 370, 80, *P.*
WHARTON, B., *see* DAY, G. *et al.*
FOSBROOKE, A. *et al.*
WHEELER, T.: Care of fetus during labour, 84, *P.*
WHITEHOUSE, R. H., *see* TANNER, J. M., and WHITEHOUSE, R. H.
WHITTLE, H. C., BRADLEY-MOORE, A., FLEMING, A., and GREENWOOD, B. M.: Effects of measles on the immune response of Nigerian children, 753
WICK, H., BACHMANN, C., BAUMGARTNER, R., BRECHBÜHLER, T., COLOMBO, J. P., WIESMANN, U., MIHATSCH, M. J., and OHNACKER, H.: Variants of citrullinaemia, 636
WIESMANN, U., *see* WICK, H. *et al.*
WIGGELINKHUIZEN, J., KASCHULA, R. O. C., UYS, C. J. KUIJTEN, R. H., and DALE, J.: Congenital syphilis and glomerulonephritis with evidence for immune pathogenesis, 375
WIGGLESWORTH, J. S.: Necropsy diagnosis of fructosaemia in the newborn, 160, *P.*
—— Relation of bronchopulmonary dysplasia to oxygen and ventilator therapy in the newborn, 162, *P.*
WILCKEN, B., and TURNER, B.: Homocystinuria. Reduced folate levels during pyridoxine treatment, 58
WILKINSON, A. W., and MCCANCE, R. A.: Clinical and experimental results of removing the large intestine soon after birth, 121
WILL, E. J., *see* SNODGRASS, G. J. A. I. *et al.*
WILLIAMS, D. I., *see* BLACK, J., and WILLIAMS, D. I.
GHAZALI, S. *et al.*
WILLIAMS, H. E., *see* PHELAN, P. D. *et al.*
WILLOUGHBY, M. L. N., *see* VOWELS, M. R., and WILLOUGHBY, M. L. N.
WILSON, J.: Neurological complications of CPT inoculation in infancy, 829, *P.*
—— *see also* PEARN, J. H., and WILSON, J.
WILSON, L. C., *see* FREARS, J. F. *et al.*
WILSON, M. I., *see* SAVAGE, D. C. L. *et al.*
WINKELSTEIN, J. A., *see* SUSKIND, R. *et al.*
WINTERBORN, M. H., and MANN, J. R.: Anuria due to sulphadiazine: short report, 915
WISE, G., *see* WALKER-SMITH, J. A. *et al.*
WOLFF, O. H., *see* BELL, M. *et al.*
WONG, Y. K., and WOOD, B. S. B.: Relative roles of phototherapy and phenobarbitone in treatment of nonhaemolytic neonatal jaundice, 704
WOOD, B. S. B., *see* WONG, Y. K., and WOOD, B. S. B.
WOOD, C. B. S., *see* BURMAN, D. *et al.*

YANNAKOS, D., *see* DELIGEORGIS, D. *et al.*

ZORAB, P. A.: Prognosis for life in childhood scoliosis, 824, *P.*
—— *see also* CLARK, S., and ZORAB, P. A.
ZOUMBOULAKIS, D., ANAGNOSTAKIS, D., ALBANIS, V., and MATSANIOTIS, N.: Steroids in treatment of pertussis. A controlled clinical trial, 51

SUBJECT INDEX

1973, Volume 48

Achondrogenesis, probable, and lipid inclusions in fibroblasts, family with, 212
Acid-base disorders, acute, assessment, new method based on *in vivo* CO_2 titration curves, 79, *P.*
Acidosis, metabolic, primary late, effect of correction on weight gain in premature infants, 831, *P.*
Acrodermatitis, papular, of childhood, an Australian antigen disease, 794
Adenosine 3',5'-monophosphate, *in vivo* effect on Ehrlich ascites tumour cells, 326, *P.*
Adipose cell size and glucose tolerance in obese children and effects of diet, 301
—— tissue, effect of human growth hormone treatment on, in children, 725
Adrenal haemorrhage, natural history, newborn, 183
—— hyperplasia, congenital, parameters for monitoring growth in, 828, *P.*
—— —— congenital, report of a case with neurological complications, 554
—— —— —— treatment with aminoglutethimide, 828, *P.*
Adrenocortical function in normal, precocious, and delayed puberty, 653, *P.*
Air travel, preparation in child with sickle-cell anaemia: correspondence, 922
Airway obstruction, upper, in the infant, 824, *P.*
—— resistance, assessment, 82, *P.*
Albumin binding capacity, salicylate saturation index, and red cell binding of bilirubin in neonatal jaundice, 393
—— infusion, early, to infants at risk for respiratory distress, 800
Amino acids, tubular reabsorption in vitamin C deficiency: short report, 402
Aminoglutethimide treatment of congenital adrenal hyperplasia, 828, *P.*
Aminophylline, apnoeic attacks in newborn treated with: short report, 404
Amoebic liver abscess, treatment with metronidazole: short report, 911
Ampicillin and nalidixic acid, comparative efficacy for severe shigellosis, 305
Anaemia, early, relation to postnatal growth rate, milk feeding, and iron availability, study in rabbits, 842
—— haemolytic, and vitamin E in premature infants, 360
—— sickle-cell, preparation for air-travel: correspondence, 922
Anaphylaxis, pulmonary oedema, and intravascular haemolysis due to cryoprecipitate: short report, 483
Anions, organic, and stool volume in newborn, 326, *P.*
Aniridia, Wilms's-aniridia syndrome with transient hypo-γ-globulinaemia of infancy: short report, 645, correspondence, 984
ANNOTATIONS: Beclomethasone in childhood asthma, 663
Encephalopathy and fatty degeneration of viscera, Reye' syndrome, 411
Antibiotics, prophylactic, in chronic umbilical artery catheterization in respiratory distress syndrome, 630
—— —— in umbilical artery catheterization, newborn, 296
Antibodies, food, plasma, during withdrawal and reintroduction of dietary gluten in coeliac disease, 583, 407, *P.*
Antipyretic therapy, current, 313
Antitrypsin deficiency, α-1-, and neonatal hepatitis, 80, *P.*
Anuria due to sulphadiazine: short report 915
Aortic valve replacement and peritoneal dialysis treatment for cardiac failure due to acute bacterial endocarditis: short report, 322
Apnoeic attacks in newborn, treated with aminophylline: short report, 404
Arterial blood sampling, new method: short report, 982
Arteries, dissociation of geographical and histiogenic development, 655, *P.*
Arteriohepatic dysplasia, familial pulmonary arterial stenosis with neonatal liver disease, 495, correspondence, 985
Arthrochalasis multiplex congenita (generalized hypermobility of joints): short report, 487
Asphyxia, neonatal, severe, pattern of acute neurological disorder and subsequent outcome in, 80, *P.*
Asphyxiated low birthweight infants, controlled trial of fresh frozen plasma, 31
Asphyxiating thoracic dystrophy, associated with pancreatic exocrine enzyme deficiency, 143
Aspirin as antipyretic therapy, 313
Asymetric crying facies, and congenital anomalies, 627
Asthma, allergic, IgE concentrations, 850
—— childhood, beclomethasone in: annotation, 663
—— —— —— aerosol in, 665
—— —— —— diproprionate aerosol in, 671
—— —— betamethasone 17-valerate by aerosol used in, 856
—— educational and social characteristics 467
—— —— environmental, clinical, and immunological study of house dust mite in. 655, *P.*
—— exercise-induced, 82, *P.*
—— perennial treatment, 824, *P.*
—— prevalence of exercise-induced bronchial lability in families of children with, 513
—— treatment with terbutaline, 229
Australian antigen (Au-1), associated with neonatal hepatitis, 133
—— —— disease, papular acrodermatitis of childhood, 794

Bacterial endocarditis, cardiac failure due to, treated with peritoneal dialysis and aortic valve replacement: short report, 322
Bartter's syndrome, magnesium supplementation in: short report, 485
Bacteraemia, Gram-negative, rifampicin therapy, 967
Bacteriuria, covert, in childhood, a clinical and epidemiological study, 8
Beclomethasone in childhood asthma: annotation, 663, *P.*
—— aerosol in childhood asthma, 665
—— dipropionate aerosol in childhood asthma, 671
Betamethasone 17-valerate by aerosol in childhood asthma, 856
Bile salts, different kinds, effects on absorption of fluids and electrolytes in jejunum, 79, *P.*
—— —— and duodenal microflora, study in contaminated small bowel syndrome, 825, *P.*
Biliary atresia, successful repair, ascending cholangitis following, 697
—— tract abnormalities associated with duodenal atresia, 952
Bilirubin conjugation, effect of fatty acids on, 446, correspondence, 984
—— red cell binding, reserve albumin binding capacity, and salicylate saturation index in neonatal jaundice, 393
—— serum, sequential trial of effect of phenobarbitone on, preterm infants, 79, *P.*
Biopsy, intestinal, in childhood: personal practice, 480
—— —— technique: correspondence, 922
Birth interval, maternal care and child health, 82, *P.*
Birthweight, low, absorption of fat and calcium by infants, from milks containing butterfat and olive oil, 496
—— —— and asphyxia, controlled trial of fresh frozen plasma, 31
—— —— calcium and fat absorption in infants taking a calcium-supplemented milk formula, 580
—— —— hyperbilirubinaemia in, controlled trial of phototherapy of limited duration, 78, *P.*
—— —— and supplementary folic acid, 827, *P.*
Blood flow, pulmonary capillary, in preterm infants with respiratory distress, 655, *P.*
—— pressure, assessment of techniques for measurement in infants and children, 932 826, *P.*
—— sampling, arterial, new method: short report, 982
—— viscosity in the newborn, 547
Book reviews: correspondence, 573
Bottoms, sore, in newborn: short report, 568
Bowel, contaminated small bowel syndrome, study of duodenal microflora and bile salts in, 825, *P.*
Brain, developing, 2′, 3′-cyclic nucleotide 3′-phosphohydrolase in, 325, *P.*
—— fetal, and growth retardation, 828, *P.*
—— quantitative growth and development, 757
—— spongiform changes in, neonatal and infant, 163, *P.*
—— swelling in newborn: artefact, development, or pathology, 161, *P.*
Breathing, resistance, forced oscillation technique for determination, 259
Bronchial lability in cystic fibrosis, 355, 82, *P.*
—— exercise induced, prevalence in families with asthma, 513
Bronchitis, wheezy, exercise-induced bronchial lability and atopic status of families of infants with, 942
Bronchopulmonary dysplasia, relation to oxygen and ventilatory therapy, newborn, 162, *P.*

Caffey's disease, idiopathic infantile cortical hyperostosis, associated with Wiskott-Aldrich syndrome: short report, 818
Calcium and fat absorption by low birthweight infants from milks containing butterfat and olive oil, 496
—— and fat absorption by low birthweight infants from calcium-supplemented milk formula, 580
—— inorganic phosphate, magnesium, and protein, plasma levels, over the first week of life, 279
—— metabolism, neonatal, 828, *P.*
—— phosphorus and magnesium balance studies in homozygous thalassaemia, 829, *P.*
—— phosphorus, and magnesium metabolism disturbance associated with neonatal convulsions, 99
—— plasma, effect of renal function on, newborn, 324, *P.*
Carbonic anhydrase activity, blood, in newborn, 256
Carcinoma, embryonal, of vagina in infancy, 163, *P.*
Cardiac failure due to acute bacterial endocarditis treated with peritoneal dialysis and aortic valve replacement: short report, 322
—— surgery, elective, effect on physical activity and growth, 82, *P.*
Cardiomyopathy, idiopathic, in infants, 431
Cartilage hair hypoplasia, associated with Hirschsprung's disease: short report, 918
Cells, growth and function: George Frederic Still Lecture, 830, *P.*
Central nervous system involvement in childhood leukaemia, 867
Cephalexin, absorption and excretion by newborn infant, 147
Charts, height and weight, from birth to 5 years allowing for length of gestation, for use in welfare clinics, 786
Chelating agents, five-year controlled trial in treatment of thalassaemia major, 829, *P.*
Children as controls in research, ethics: editorial, 751
Cholangitis, ascending, after successful surgical repair of biliary atresia, 697
Cholestasis, intrahepatic, severe familial, 806
Cholestyramine, use in treatment of familial hypercholesterolaemia, 370, 80 *P.*
Chromosome aberrations, and speech development, 937
—— 18, short arm deletion, associated with absence of IgA and growth hormone deficiency: short report, 320
—— studies on 11,000 newborn infants, 407, *P.*
Citrobacter meningitis, neonatal, 4 babies, 455
Citrullinaemia, variants, 636
Clefts, laryngeal, congenital, familial occurrence, 275
CNP, *see* 2′, 3′-cyclic nucleotide 3′-phosphohydrolase

Coagulation, intravascular, in meningococcal septicaemia, 163, *P.*
Coeliac disease, abnormal insulin secretion in: correspondence, 572
—— —— abnormalities of insulin and growth hormone secretion, 41
—— —— and cystic fibrosis: coexistence in two children, 684, 692
—— —— and giardiasis, 414, 325, *P.*
—— —— metabolic responses to a milk feed, 79, *P.*
—— —— plasma β_1C–β_1A globulins and immunoglobulins in, 587
—— —— plasma food antibodies during withdrawal and reintroduction of dietary gluten in, 583, 407, *P.*
—— —— usefulness of a modified D-xylose absorption test in preliminary diagnosis and later confirmation, 825, *P.*
Cold injury, neonatal, 325, *P.*
Communications in paediatric practice, 830, *P.*
Contaminated small bowel syndrome, study of duodenal microflora and bile salts in, 925, *P.*
Convulsions, febrile, factors in recurrence, 830, *P.*
—— neonatal, associated with primary disturbance of calcium, phosphorus, and magnesium metabolism, 99
—— —— sequelae, study of 112 infants, 542
Copper deficiency in Menkes's steely-hair syndrome, therapeutic implications, 958
—— poisoning, chronic, or Wilson's disease, 14-month-old boy, 476
CORRESPONDENCE: Abnormal insulin secretion in children with coeliac disease, 572
Abnormal mucosa in gastroenteritis, 746
Arteriohepatic dysplasia, 985
Automated method for exchange transfusion, 246, 408
Book reviews, 573
Development of visual acuity, 746
Effect of fatty acids on bilirubin conjugation, 984
Globoid cell leucodystrophy, 165
Heparin therapy in meningococcal septicaemia, 748
Hepatic glycogen synthetase deficiency 164
Hydroxyproline excretion, 658
Intestinal biopsy technique, 922
Mist therapy in cystic fibrosis, 408
Preparation for air travel in a child with sickle-cell anaemia, 922
Shunt nephritis, 657
Urinary diversion in children, 657, 985
Vitamin E in cystic fibrosis, 657
Wilms's tumour—a correction and an apology, 984
Corticosteroids, and 17-oxosteroids in urine of children of small stature, 80, *P.*
—— therapy in prophylaxis of respiratory distress syndrome, controlled clinical trial, 325, *P.*
Cortisol, growth of suckling rats after treatment with, implications for steroid therapy in human infants, 519
—— levels, plasma, in malnourished children with and without superimposed acute stress, 714
Cot death, obstetric and perinatal histories of children who died unexpectedly, 835
Creatinine clearance, rates in babies less than one week of age, 717
Cryoprecipitate, causing acute anaphylaxis, pulmonary oedema, and intravascular haemolysis: short report, 483
Cyclic chemotherapy in acute lymphoblastic leukaemia of childhood, 5-year survivals, 436
2′,3′-cyclic nucleotide 3′-phosphohydrolase, in developing human brain, 325, *P.*
—— oculomotor paralysis, two cases, 881
Cyclophosphamide, in steroid-sensitive relapsing nephrotic syndrome of childhood, comparative trial of 2 weeks and 8 weeks, 286
Cystic fibrosis, bronchial lability, 355, 82, *P.*
—— —— and coeliac disease: co-existence in two children, 684, 692
—— —— flow rate and inorganic components of submandibular saliva in, 267
—— —— mist therapy: correspondence, 408
—— —— muscular performance, relation to vitamin E: short report, 72
—— —— vitamin E in: correspondence, 657
—— hygroma, massive infiltrating of neck in infancy, 523
Cytomegalovirus infection, asymptomatic congenital, serological studies: short report, 738

Death, cot, obstetric and perinatal histories of children who died unexpectedly, 835
—— neonatal, and stillbirths, infection and amniotic aspiration of middle ear in, 872
Dehydration, hyperosmolar, hyperglycaemia in: short report, 740
—— renal tubular and papillary necrosis, infancy, 36
Dental defects associated with neonatal symptomatic hypocalcaemia, 217
Deoxycholate-induced secretion of fluid in jejunum, inhibition by micellar solutions, 656, *P.*
Dermatoglyphs, human, congenital malformations, 191
Dermatology, European Society for the Study of Paediatric Dermatology, inaugural meeting, 1973, 54
Dexamethasone, growth of suckling rats after treatment with, implications for steroid therapy in human infants, 519
—— insipidus, treatment with new synthetic analogue of vasopressin: short report, 979
Diabetes mellitus and hypothyroidism, in girl with Down's syndrome: short report, 917
—— —— influence of the control on the growth of children, 109
—— —— maternal, pulmonary function, infant, 327, *P.*
Diaphragmatic paralysis in newborn: short report, 977
Diarrhoea, sugar-induced: review article, 331

Diastematomyelia, massive, without cutaneous dysraphism: short report, 400
Digoxin, plasma levels, infant, 55
Donald Paterson Prize Essay, 1973, 278
Down's syndrome with diabetes mellitus and hypothyroidism: short report, 917
Drowning, near-drowning in Oxford children, 655, *P.*
Duodenal atresia, biliary tract abnormalities associated with, 952
—— mucosal damage in 31 infants with gastroenteritis, 343
Dysraphism, neurospinal, quantitative study of vesical ganglia in children, 161, *P.*

Ear, middle, infection and amniotic aspiration in stillbirths and neonatal deaths, 872
—— Nose and Throat Advances in Children, Society, foundation in February 1973, 659
'Early anaemia', relation to postnatal growth rate, milk feeding, and iron availability, study in rabbits, 842
EDITORIAL: The ethics of research involving children as controls, 751
Infant malnutrition in a developed country, 495
Editorial note, 1
Ehrlich ascites tumour cells, *in vivo* effect of adenosine 3′, 5′-monophosphate on, 326 *P.*
Electroencephalography findings and behaviour in children with history of epilepsy, 80, *P.*
Electromyography, and nerve conduction in paediatric practice, 80, *P.*
Encephalopathy and fatty degeneration of viscera, Reye's syndrome: annotation, 411
Endocardial fibroelastosis, primary, an inherited condition: short report, 66
Endocrine parameters of fetal well-being, 84, *abs.*
Enzyme induction in epileptic children 831, *P.*
Epilepsy, behaviour symptoms, incidence, 830, *P.*
—— EEG findings in children with history of, 80, *P.*
—— idiopathic childhood, familial factors and perinatal problems, 324, *P.*
—— study of enzyme induction in children suffering from, 831
—— temporal lobe, surgery, in childhood, 829, *P.*
Erythroblastosis fetalis, metabolic and hormonal effects of glucagon infusion in, 885
Escherichia coli, Bray's discovery of as a cause of infantile gastroenteritis: looking back, 923
Exercise as a diagnostic aid, plasma growth hormone response: short report, 565
—— as a screening test for growth hormone deficiency in children, 508
—— induced bronchial lability and atopic status of families of infants with wheezy bronchitis, 942
—— induced bronchial lability, prevalence in families of children with asthma, 513

Fabry's disease, lipid histochemical study, 160, *P.*
Facies, asymmetric crying, and congenital anomalies, 627
Fallot's tetralogy, functional effect of total surgical correction, 82, *P.*
Fat absorption in congenital obstructive liver disease 601
—— and calcium absorption by low birthweight infants from a calcium-supplemented milk formula, 580
—— and calcium absorption by low birthweight infants from milks containing butterfat and olive oil, 496
—— loading, oral, plasma nephelometry after in children with normal and abnormal jejunum morphology, 656, *P.*
Fatty acids, effect on bilirubin conjugation, 446, correspondence, 984
Fetal growth, monitoring, 83, *abs.*
—— well-being, *in utero*, Seminar, 1972, 83, *P.*
α-Fetoprotein and hepatitis antigen in neonatal hepatitis: short report, 157
Fibrin degradation products, urinary, in renal disease, 326, *P.*
Fibroelastosis, endocardial, primary, an inherited condition: short report, 66
Flow rate and inorganic components of submandibular saliva in cystic fibrosis, 267
Folate concentrations, plasma and erythrocyte, in normal mature infants: short report, 743
—— levels, reduced, during pyridoxine treatment of homocystinuria, 58
—— serum and red cell, and serum vitamin B_{12} in protein calorie malnutrition, 366
Folic acid, supplementary in low birthweight, 827, *P.*
Food antibodies, plasma, during withdrawal and reintroduction of dietary gluten in coeliac disease, 583
Fructosaemia, necropsy diagnosis in newborn, 160, *P.*

Gangliosidosis, GM2 type 2, 160, *P.*
—— late onset, clinical, pathological, and biochemical studies on 8 patients, 775
Gastroenteritis, abnormal mucosa in: correspondence, 746
—— Bray's discovery of *Escherichia coli* as cause: looking back, 923
—— duodenal mucosal damage in 31 infants, 343
George Frederic Still Lecture: Cells, growth and function, 830, *P.*
Gestational age, assessment in Nigerian newborn infants: short report, 318
—— —— clinical assessment in the neonate: short report, 152
Giardiasis and coeliac disease, 414, 325, *P.*
Globoid cell leucodystrophy: correspondence, 165
Globulins, β_1C–β_1A, and immunoglobulins, plasma, in coeliac disease, 587
—— β_1C (C3), serum levels in acute glomerulonephritis and postnephritic children, 622
Glomerulonephritis, acute, serum C3 levels in, and in postnephritic children, 622
—— associated with *Staphylococcus albus* in a Spitz Holter valve: short report, 69
—— and congenital syphilis, with evidence for immune pathogenesis, 375
Glucagon infusion in erythroblastic infants, metabolic and hormonal effects, 885
—— levels, plasma, in the term infant and effect of hypoxia, 451

—— pancreatic, plasma, and insulin : glucagon ratio at birth: short report, 241
Glucose tolerance and adipose cell size in obese children, and effects of diet, 301
—— urinary, unreliable as test for urinary tract infection in infancy, 733
Gluten, dietary, in coeliac disease, plasma food antibodies during withdrawal and reintroduction, 583, 407, *P.*
Goldenhar's syndrome (oculoauriculo-vertebral dysplasia) three cases, 537
Gonadotrophin, human chorionic, effect on plasma and urine testosterone in boys with delayed puberty, 590, 653, *P.*
Gram-negative bacteraemia, rifampicin therapy, 967
Granulocyte phenylalanine content, and degree of neuropsychiatric disability in phenylketonuria, relation between, 654, *P.*
Growth, in diabetic children, influence of control of the diabetes, 109
—— failure, various forms, hydroxyproline excretion in, 127
—— hormone deficiency, and absence of IgA associated with short arm deletion of chromosome 18: short report, 320
—— —— —— exercise as a screening test, 508
—— —— plasma, response to exercise as diagnostic aid: short report, 565
—— —— release during sleep in growth retarded children, 502
—— —— secretion, and insulin abnormalities, coeliac disease, 41
—— of suckling rats after treatment with dexamethasone or cortisol, implications for steroid therapy in human infants, 519
—— parameters for monitoring in children with congenital adrenal hyperplasia, 828, *P.*
—— retardation and the human fetal brain, 828, *P.*
—— retarded children, growth hormone release during sleep, 496
Guthrie test, measurement of phenylalanine in routine care of phenylketonuric children, 472

Haemoglobin, 'early anaemia', relation to postnatal growth rate, milk feeding, and iron availability, study in rabbits 842
Haemolysis, intravascular, acute prophylaxis, and pulmonary oedema due to cryoprecipitate: short report, 483
Haemolytic disease of the newborn, hypoglycaemia in, 79, *P.*
Haemophilia, cryoprecipitate causing acute prophylaxis, pulmonary oedema, and acute haemolysis in: short report, 484
Haemorrhage, pulmonary, massive, newborn, changing pattern, 21
Hair, cartilage hair hypoplasia, associated with Hirschsprung's disease: short report, 918
—— Menkes's steely-hair syndrome, therapeutic implications of copper deficiency in, 958
Height and weight charts from birth to 5 years allowing for length of gestation, for use in infant welfare clinics, 786
Hemianopic visual field defects, homonymous, detection and investigation in young children, 826, *P.*
Heparin therapy in meningococcal septicaemia, 233, correspondence, 748
Hepatic glycogen synthetase deficiency: correspondence, 164
Hepatitis antigen and α-fetoprotein in neonatal hepatitis: short report, 157
—— neonatal, and α-1-antitrypsin deficiency, 80, *P.*
—— —— associated with Australian antigen (Au-1), 133
Hirschsprung's disease, associated with cartilage hair hypoplasia: short report, 918
—— —— experience with some enzyme histochemical techniques, 160, *P.*
Histidinaemia: its significance in neonatal screening, 325, *P.*
Histiocytosis X, intestinal malabsorption, infants, 350
Homocystinuria, reduced folate levels during pyridoxine treatment, 58
Hormone, growth, human deficiency, exercise as a screening test for, 508
—— —— —— effect of treatment with on adipose tissue in children, 725
—— —— plasma, response to exercise as diagnostic aid: short report, 565
—— —— release during sleep in growth retarded children, 502
—— —— —— replacement therapy, effect on concentration of 15 serum proteins, 608
—— parathyroid, serum, measurement, with particular reference to some infants with hypocalcaemia, 419
Hospital, up-country, organization of in-patient care, 82, *P.*
House dust mite, environmental, clinical, and immunological study in childhood asthma, 655, *P.*
Human chorionic gonadotrophin, effect on plasma and urine testosterone in boys with delayed puberty, 590, 653, *P.*
Human growth hormone, *see* Hormone, growth, human
Hyaline membrane disease, severe, methods for improving oxygenation in infants mechanically ventilated, 612
—— —— —— terminal, plasma lecithin-cholesterol acyltransferase deficiency in child with, 906
Hydatid disease of interatrial septum, 816
β-hydroxyisovaleric aciduria and β-methylcrotonylglycinuria associated with a defect in leucine metabolism, 975
Hydroxyproline excretion in various forms of growth failure, 127, correspondence, 658
Hygroma, cystic, massive infiltrating, of neck in infancy, 523
Hyperbilirubinaemia, neonatal, vitamin E in, 721
—— physiological, in low birthweight infants, controlled trial of phototherapy of limited duration, 78, *P.*
Hypercholesterolaemia, familial, use of cholestyramine in, 370, 80, *P.*

Hyperglycaemia in hyperosmolar dehydration: short report, 740
Hyperlysinaemia, suggestion that this is a harmless inborn error of metabolism, 892
Hypermobility, generalized, of joints (arthrochalasis multiplex congenita): short report, 487
Hypernatraemia, management in infancy, 825, *P.*
Hyperostosis, idiopathic infantile cortical, associated with Wiskott-Aldrich syndrome: short report, 818
Hypocalcaemia, and measurement of serum parathyroid hormone, 419
Hyperphenylalaninaemia, dietary requirement of phenylalanine in infants with: short report, 648
—— neonatal symptomatic, dental defects associated with, 217, 79, *P.*
—— —— rapid detection, evaluation of Dextrostix Reflectance Meter system: short report, 398
Hypocalcaemic vitamin D resistant rickets, in Pakistani infant, 814
Hypo-γ-globulinaemia, maternal, severe, immunoglobulins in normal infant: short report, 646
—— transient, of infancy, associated with Wilms's-aniridia syndrome: short report, 645
Hypoglycaemia in haemolytic disease of the newborn, 79, *P.*
Hypo-β-lipoproteinaemia, familial, 729
Hypophosphataemic rickets due to sex-linked dominant gene, treatment, 80, *P.*
Hypothyroidism, congenital, screening, 826, *P.*
—— and diabetes mellitus, in girl with Down's syndrome: short report, 917
Hypoxia, acute, presumed, lactate and pyruvate concentrations and ratios, and acid-base variables in simultaneously sampled arterial blood and CSF after, 655, *P.*
—— effect on plasma glucagon levels, 451

Ileum, resection, long-term prognosis, 79, *P.*
Immune response, deficient, associated with three cases of meningococcal infection: short report, 742
—— —— in families of children with acute lymphoblastic leukaemia, 441
—— —— effects of measles on, Nigerian children, 753
Immunoglobulins, and β_1 C-β_1 A globulins, plasma, in coeliac disease, 587
—— A, absence, and growth hormone deficiency associated with short arm deletion of chromosome 18: short report, 320
—— E, in allergic asthma, 850
—— levels in thalassaemia, 828, *P.*
—— monoclonal, serum, in childhood, 207
—— in normal infant born of severe hypo-γ-globulinaemic mother: short report, 646
—— in postmature newborns, 826, *P.*
Inborn error of metabolism, harmless—hyperlysinaemia, 892
Insulation, thermal, in malnourished Jamaican children, 901
Insulin, abnormal secretion, in coeliac disease: correspondence, 572
——: glucagon ratio and plasma pancreatic glucagon at birth: short report, 241
—— and growth hormone secretion abnormalities, coeliac disease, 41
—— secretion, development, in human fetus: short report, 151
Interatrial septum, hydatid disease: short report, 816
Intestinal biopsy in childhood: personal practice, 480
—— —— technique: correspondence, 922
—— malabsorption in infants with histiocytosis X, 350
Intestine, large, clinical and experimental results of removal soon after birth, 121
—— lymphovenous obstruction in anomalous midgut rotation: short report, 154
Intrathoracic pressure, measurement, newborn, 325, *P.*
—— tracheal collapsibility, 1. A cineradiographical study, 2. A pathophysiological study, 162, *P.*
Iron deficiency anaemia, serum protein and transferrin determinations to distinguish kwashiorkor from, 927
—— —— reduced bactericidal capacity of polymorphs in, 864

Jaundice, neonatal, reserve albumin binding capacity, salicylate saturation index, and red cell binding bilirubin, 393
Jamaican children, malnourished, thermal insulation in, 901
Jaundice, nonhaemolytic neonatal, relative roles in treatment of nonhaemolytic neonatal jaundice, 704
Jejunum, effects of different bile salts on absorption of fluids and electrolytes, 79, *P.*
normal and abnormal, plasma nephelometry after oral fat loading, 656, *P.*
Joints, generalized hypermobility (arthrochalasis multiplex congenita): short report, 487

Kwashiorkor, serum protein and transferrin determinations to distinguish iron deficiency anaemia from, 927

Labour, care of fetus during, 84, *abs.*
Lactate and pyruvate concentrations and ratios, and acid-base variables in simultaneously sampled arterial blood and CSF after presumed acute hypoxia in infants and children, 655, *P.*
Lactic acidosis, chronic, in association with myopathy: short report, 489
Lactose intolerance, transient, in infancy, 963
Laryngeal clefts, congenital, familial occurrence, 275
Laryngotracheo-oesophageal cleft, description of one case: short report, 912
Lead, exposure of children in Uganda, 642
Lecithin-cholesterol acyltransferase deficiency, plasma, in child with terminal pulmonary hyaline membrane disease, 906
Length, infant, measurer, a new neonatometer, 79, *P.*
Leucine metabolism, defect associated with β-hydroxyisovaleric aciduria and β-methylcrotonylglycinuria: short report, 975
Leucodystrophy, globoid cell: correspondence, 165

Leukaemia, childhood, presenting in the central nervous system, 867
—— control of infection, 827, *P.*
—— lymphoblastic, acute, cyclic chemotherapy, 5-year survivals, 436
—— —— —— immune response in families of children with, 441
Leukaemoid infiltrates in the brain, associated with thymoma, 162, *P.*
Lipid histochemical study in Fabry's disease, 160, *P.*
—— inclusions in fibroblasts, and probable achondrogenesis, family with, 212
Lipomyelomeningocele, urinary complications, 560
Liver disease, congenital obstructive, fat absorption in, 601
—— —— neonatal, with pulmonary arterial stenosis: arteriohepatic dysplasia, 459
—— normal size in infancy and childhood, 790
Longitudinal study of village children in Uganda, 82, *P.*
LOOKING BACK: Bray's discovery of pathogenic *Esch. coli* as a cause of infantile gastroenteritis, 923
Lung expansion, effect of tracheal deposition of surfactant on, premature rabbit fetuses, 162, *P.*
—— fetal development, control, in rabbit, 709, 327, *P.*
Lymphohistiocytosis, familial, 20 cases in three family groups, 162, *P.*
Lymphoma, control of infection, 827, *P.*
Lymphovenous obstruction in anomalous midgut rotation: short report, 154

Magnesium, calcium, inorganic phosphate, and protein, plasma levels, over the first week of life, 279
—— calcium and phosphorus metabolism disturbance associated with neonatal convulsions, 99
—— calcium and phosphorus balance studies in homozygous thalassaemia, 829, *P.*
—— supplementation in Bartter's syndrome: short report, 484
Malnourished children, with and without superimposed acute stress, plasma cortisol levels, 714
Malnutrition, infant, in a developed country: editorial, 495
—— thermal insulation, Jamaican children, 901
Maple syrup urine disease, intermittent, family with, 225
Measles, effect on immune response of Nigerian children, 753
—— mumps virus vaccine, combined live 533
—— protracted, death from, 163, *P.*
Medullocervical dislocation deformity in relation to meningo-myelocele and spina bifida, factors affecting form of, 160. *P.*
Meningitis, neonatal citrobacter, 4 babies, 455
Meningocele and spina bifida, factors affecting the form of medullocervical dislocation deformity in relation to, 160, *P.*
Meningococcal infection, three cases in same family, associated with a deficient immune response: short report, 742
—— septicaemia, heparin therapy, 233, correspondence, 748
—— —— intravascular coagulation in, 163, *P.*
Menkes's steely-hair syndrome, therapeutic implications of copper deficiency in, 958
Menstrual age, estimation, 407, *P.*
Metabolic acidosis, primary late, effect of correction on weight gain in premature infants, 831, *P.*
β-methylcrotonylglycinuria and β-hydroxyisovaleric aciduria associated with a defect in leucine metabolism, 975
Metronidazole in treatment of children with amoebic liver abscess, short report, 911
Microflora, duodenal, and bile salts, study in contaminated small bowel syndrome, 825, *P.*
Midgut rotation, anomalous, lymphovenous obstruction in: short report, 154
Milk feed, to children with coeliac disease, metabolic responses, 79, *P.*
Mist therapy in cystic fibrosis: correspondence, 408
Mortality, child, in Malmö, 159, *P.*
—— perinatal, survey in Zeeland (Netherlands) 1962-1967, 159, *P.*
Mucosa, abnormal, in gastroenteritis: correspondence 746
Mumps, measles-mumps virus vaccine, combined live, 532
Muscles, fast, mammalian, dynamic and biochemical properties correlated, 654, *P.*
Muscular atrophy, spinal, acute infantile (acute Werdnig-Hoffman disease) review of 76 cases, 495
—— performance in cystic fibrosis, relation to vitamin E; short report, 72
Mycrobacteria, opportunist, childhood infections with, 81, *P.*
Myelingocele, results of selective early operation, 676
Myopathy, associated with chronic lactic acidosis: short report, 489

Nalidixic acid and ampicillin, comparative efficacy for severe shigellosis, 305
Nasal occlusion, response, clinical observations, infancy, 947
Near-drowning in Oxford children, 655, *P.*
Neck, massive infiltrating cystic hygroma in infancy 523
Necrosis, renal tubular and papillary, after dehydration, infancy, 36
Neonatometer, a new infant length measurer, 79, *P.*
Nephelometry, plasma, after oral fat loading in children with normal and abnormal jejunal morphology, 656 *P.*
Nephritis, shunt: correspondence, 657
Nephrology, paediatric, British Association, formation, 349
Nephrotic syndrome, congenital, light and electron microscopical changes in, 163, *P.*
—— —— in congenital syphilis: short report, 237
—— —— steroid-sensitive relapsing, comparative trial of 2 weeks and 8 weeks cyclophosphamide in, 286
Nerve conduction and electromyography in paediatric practice, 80, *P.*
Neuroblastoma, familial, report of two sib pairs: short reports, 63

Neurological complications after DPT inoculation in childhood, 829, *P.*
—— disease, red cell phospholipid determination in diagnosis: short report, 650
Nigerian children, effects of measles on immune response, 753
—— newborn infants, gestational age assessment: short report, 318
Nutrition, study of village children in Uganda, 82, *P.*
Nutritional rickets at puberty, 221

Obesity, childhood, adipose cell size and glucose tolerance, and effects of diet, 301
Obstructive liver disease, congenital, fat absorption in, 601
Oculoauriculo-vertebral dypslasia (Goldenhar's syndrome, three cases, 537
Oedema, pulmonary, acute anaphylaxis, and intravascular haemolysis due to cryoprecipitate: short report, 483
Oesophageal atresia, 3 cases in two generations: short report, 980
Oscillation technique, forced, for determination of resistance to breathing, 259
Osmolality, plasma, and protein intake in preterm infants, 575, 656, *P.*
Oxosteroids, 17-, and corticosteroids, in urine, in small statured children, 80, *P.*
Oxygenation, methods for improving, in infants mechanically ventilated for severe hyaline membrane disease, 612

Paediatric practice, communications, 830, *P.*
Paediatrics and child psychiatry: the case for collaboration: personal comment, 970
Pancreatic exocrine enzyme deficiency associated with asphyxiating thoracic dystrophy, 143
Pancreatitis, hereditary, in a Newcastle family, 618
Papillary necrosis, and renal tubular necrosis, after dehydration in infancy, 36
Papular acrodermatitis of childhood, an Australian antigen disease, 794
Paracetamol in antipyretic therapy, 313
Parainfluenza virus infections, clinical significance, 824, *P.*
Paralysis, cyclic oculomotor, two cases, 881
—— diaphragmatic, in newborn: short report, 977
Perinatal mortality survey in Zeeland (Netherlands) 1962-1967, 159, *P.*
Peritoneal dialysis and aortic valve replacement treatment for cardiac failure due to acute bacterial endocarditis: short report, 322
PERSONAL COMMENT: Paediatrics and child psychiatry: the case for collaboration, 970
Intestinal biopsy in childhood, 48
Pertussis, steroid treatment, controlled clinical trial, 51
Phaeochromocytoma in childhood, report of 3 cases, 137
Phenobarbitone and phototherapy in treatment of nonhaemolytic neonatal jaundice, 704
—— sequential trial, effect on serum bilirubin, preterm infants, 79, *P.*
Phenylalanine, measurement in routine care of phenylketonuric children, 472, 161, *P.*
—— dietary requirement in infants with hyperphenylalaninaemia: short report, 648
—— granulocyte content, and degree of neuropsychiatric disability in phenylketonuria, relation between, 654, *P.*
Phenylketonuria, degree of neuropsychiatric disability in, and granulocyte phenylalanine content, relation between, 654, *P.*
—— measurement of phenylalanine in routine care, 472, 161, *P.*
—— screening methods, 161, *P.*
Phenytoin, severe cutaneous reactions to: short report, 239
Phosphate, inorganic, calcium, magnesium, and protein, plasma levels over first week of life, 279
Phospholipid, red cell, determination in diagnosis of neurological disease: short report, 650
Phosphorus, calcium, and magnesium balance studies in homozygous thalassaemia, 829, *P.*
—— calcium, and magnesium metabolism disturbance associated with neonatal convulsions, 99
Phototherapy, controlled therapy, in physiological hyperbilirubinaemia in low birthweight infants, 78, *P.*
—— and phenobarbitone in treatment of non-haemolytic neonatal jaundice, 704
Pica with rapid improvement after dietary zinc supplementation: short report, 567
Pituitary-adrenal function in thalassaemia major, 653, *P.*
Placenta, scanning electron microscopy of, 162, *P.*
Plasma, fresh frozen, controlled trial in asphyxiated low birthweight infants, 31
—— osmolality and protein intake in preterm infants, 575, 656, *P.*
Polygenically determined animal defect in teratological research, 159, *P.*
Polymorphonuclear leucocytes, reduced bactericidal capacity in iron deficiency, 864
Pregnancy, monitoring of virus infections during, 83, *abs.*
Propranolol in supraventricular tachycardias in childhood, 382
Protein calorie malnutrition, serum and red cell folates, and serum vitamin B_{12} in, 366
—— calcium, inorganic phosphate, and magnesium, plasma levels, over the first week of life, 279
—— intake and plasma osmolality, in preterm infants, 575
—— serum, 15 individual, effect of HGH replacement therapy on, 608
—— and transferrin determinations, serum, to distinguish kwashiorkor from iron deficiency anaemia, 927
Psychiatry, child, and paediatrics: the case for collaboration: personal comment, 970
Puberty, delayed, effect of human chorionic gonadotrophin on plasma and urine testosterone in boys with, 590, 653, *P.*

—— normal, precocious, and delayed, adrenocortical function in, 653, *P.*
—— nutritional rickets in, 221
—— physiological and clinical aspects: review article, 169
Pulmonary arterial stenosis with neonatal liver disease: arteriohepatic dysplasia, 459
—— capillary blood flow in preterm infants with respiratory distress, 655, *P.*
—— compliance, static, in early childhood, 324, *P.*
—— function in infant of diabetic mother, 327, *P.*
—— haemorrhage, massive, in newborn, changing pattern, 21
Pyridoxine treatment for homocystinuria, reduced folate levels, 58
Pyruvate and lactate concentrations and ratios, and acid-base variables in simultaneously sampled arterial blood and CSF after presumed acute hypoxia in infants and children, 655, *P.*

Red cell phospholipid determination in diagnosis of neurological disease: short report, 650
Referees 1972, 89
Renal disease, urinary FDP in, 326, *P.*
—— function, effect on plasma calcium, newborn, 324, *P.*
—— —— studies in first week of life, 654, *P.*
—— papillary necrosis in infancy, 116
—— tubular necrosis, and papillary necrosis after dehydration, infancy, 36
Research, ethics when using children as controls: editorial, 751
Respiratory distress, early albumin infusion to infants at risk for, 800
—— —— pulmonary capillary blood flow in preterm infants, 655, *P.*
—— —— —— corticosteroid therapy in prophylaxis, controlled clinical trial, 325, *P.*
—— —— —— idiopathic, THAM v. sodium bicarbonate, 249
—— —— —— prophylactic antibiotics in chronic umbilical artery catheterization, 630
—— tract infections, lower, acute, aetiology and management, 832, *P.*
REVIEW ARTICLE: Some physiological and clinical aspects of puberty, 169
Sugar-induced diarrhoea in children, 331
Vitamin D metabolism, recent advances, 2
Reye's syndrome, encephalopathy and fatty degeneration of viscera: annotation, 411
Rickets, Asian, and osteomalacia, aetiology in United Kingdom, 827, *P.*
—— hypophosphataemic, due to sex-linked dominant gene, treatment, 80, *P.*
—— nutritional, in puberty, 221
Rifampicin therapy in Gram-negative bacteraemia in infancy, 967
Rubella defects, congenital, surveillance, 826, *P.*

Salicylate saturation index, reserve albumin binding capacity, and red cell binding of bilirubin in neonatal jaundice, 393
Saliva, submandibular, in cystic fibrosis, flow rate and inorganic components of, 267
Scoliosis, childhood, prognosis for life, 824, *P.*
—— congenital postural, 654, *P.*
Septicaemia, meningococcal, heparin therapy, 233, correspondence, 748
—— —— intravascular coagulation in, 163, *P.*
Shigellosis, severe, comparative efficacy of nalidixic acid and ampicillin in, 305
Shunt nephritis: correspondence, 657
Sickle-cell anaemia preparation for air travel: correspondence, 922
Skin aplasia, congenital, affecting trunk: short report, 813
Small bowel, contaminated small bowel syndrome, duodenal microflora and bile salts in, 825, *P.*
Sodium bicarbonate *v.* THAM in idiopathic respiratory distress syndrome, 249
Sore bottoms in newborn: short report, 568
Speech development and sex chromosome aberrations, 937
Spina bifida and meningomyelocele, factors affecting the form of medullocervical dislocation deformity in relation to, 160, *P.*
Spinal muscular atrophy, acute infantile (acute Werdnig-Hoffmann disease) review of 76 cases, 495
—— —— —— chronic generalized, of infancy and children, arrested at Werdnig-Hoffmann disease, 768
—— —— —— in childhood, two clues to clinical diagnosis, 386
Spitz Holter valve, *Staphylococcus albus* in, associated with glomerulonephritis: short report, 69
Sponging in antipyretic therapy, 313
Staphylococcus albus, in a Spitz Holter valve, associated with glomerulonephritis: short report, 69
Stature, short, total community study, Newcastle, 826, *P.*
—— small, 17-oxosteroids and corticosteroids in urine, 80, *P.*
Steroid-sensitive relapsing nephrotic syndrome of childhood, comparative trial of 2 weeks and 8 weeks cyclophosphamide, 286
—— in treatment of pertussis, controlled clinical trial, 51
—— therapy, implications in human infants, growth of suckling rats after treatment with dexamethasone or cortisol, 519
Stillbirths, and neonatal deaths, infection and amniotic aspiration of middle ear in, 872
Stool volume and inorganic anions, newborn 326, *P.*
Stress, superimposed acute, plasma cortisol levels in malnourished children with and without, 714
Sugar-induced diarrhoea in children: review article, 331
Sulphadiazine, anuria due to: short report, 915
Sulphation factor, reduced, in undernourished children, 596, 656, *P.*
Surfactant, tracheal deposition, effect on air expansion of lungs, premature rabbit fetuses, 162, *P.*
Sweat tests in the newborn period: short report, 316

Syndrome identification, new journal, 295
Syphilis, congenital, and glomerulonephritis with evidence for immune pathogenesis, 375
—— —— complicated by nephrotic syndrome: short report, 237

Tachycardias, supraventricular, propranolol in, 382
Temporal lobe epilepsy, surgery, in childhood, 829, *P.*
Teratological research, value of polygenically determined animal defect in, 159, *P.*
Teratomas in children, 159, *P.*
Terbutaline in children with asthma, 229
Testicular function tests: an integrated approach, 831, *P.*
Testosterone, plasma and urine, effect of human chorionic gonadotrophin in boys with delayed puberty, 590, 653, *P.*
Tetralogy, Fallot's, *see* Fallot's tetralogy
Thalassaemia, immunoglobulin levels in, 828, *P.*
—— major, five-year controlled trial of chelating agents in treatment 829, *P.*
—— —— pituitary-adrenal function in, 653, *P.*
THAM *v.* sodium bicarbonate in idiopathic respiratory distress syndrome, 249
Thermal insulation in malnourished Jamaican children, 901
Thymoma associated with leukaemoid infiltrates in the brain, 162, *P.*
Tocopherol, plasma values, 325
Toxocariasis, frequency and clinical significance, 81, *P.*
Tracheal collapsibility, intrathoracic, 1. A cineradiographical study, 2. A pathophysiological study, 162, *P.*
—— deposition of surfactant, effect on air expansion of lungs, premature rabbit fetuses, 162, *P.*
Transferrin and protein determinations, serum, to distinguish kwashiorkor from iron deficiency anaemia, 927
Transfusion, exchange, automated method: correspondence, 246, 408
—— plasma, mini exchange: short report, 236
Triple vaccine, neurological complications after inoculation, 829, *P.*
Tuberculosis, primary pulmonary, natural history of segmental lesions, long-term review of 383 patients, 90
Tuberous sclerosis syndrome, rarity, 830, *P.*

Uganda, lead exposure of children, 642
Uhl's anomaly, 160, *P.*
Ulcerative colitis, long-term prognosis, 337, 407, *P.*
Umbilical artery catheterization in newborn, prophylactic antibiotics, 296
Undernourished children, reduced sulphation factor in, 596, 656, *P.*
Urea, blood, normal values in early infancy related to feeding practices: short report, 563
Urinary complications of lipomyelomeningocele, 560
—— diversion in children, 199, correspondence, 657, 985
—— tract infection, unreliability of urinary glucose as test, 733
Urolithiasis, childhood in Britain, 291

Vagina, embryonal carcinoma, in infancy, 163, *P.*
Vasopressin, new synthetic analogue, use in treatment of diabetes insipidus: short report, 979
Vesical ganglia, quantitative study of in children with neurospinal dysraphism, 161, *P.*
Village children, Ugandan, longitudinal study, 82, *P.*
Virus infections during pregnancy, monitoring, 83, *abs.*
Viscera, fatty degeration, and encephalopathy, Reye's syndrome: annotation, 411
Visual acuity, development, 47, correspondence, 746
Vitamin B_{12}, familial selective malabsorption, 896
—— serum, and serum and red cell folates, in protein calorie malnutrition, 366
Vitamin C deficiency, tubular reabsorption of amino acids in: short report, 402
Vitamin D deficiency rickets, pseudo, hereditary, in a Pakistani infant: short report, 814
—— metabolism, recent advances: review article, 2
Vitamin E and haemolytic anaemia in premature infants, 360
—— in neonatal hyperbilirubinaemia, 721
—— relation to muscular performance in cystic fibrosis: short report, 72
—— therapy in cystic fibrosis: correspondence, 657
Vomiting, cyclical, severe, prognosis, 81, *P.*

Weight, relative, constancy, in children, 389
Werdnig-Hoffmann disease, acute (acute infantile spinal muscular atrophy) review of 76 cases, 425
—— —— —— arrested, chronic generalized spinal muscular atrophy of infancy and childhood, 768
—— —— —— *see also* Spinal muscular atrophy
Wilms's aniridia syndrome with transient hypo-γ-globulinaemia of infancy: short report, 645, correspondence, 984
Wilson's disease or chronic copper poisoning, 14-month-old boy, 476
Wiskott-Aldrich syndrome associated with idiopathic infantile cortical hyperostosis (Caffey's disease): short report, 818

D-xylose absorption test, modified in preliminary diagnosis of coeliac disease and its later confirmation 825, *P.*

Zinc supplementation, dietary, pica with rapid improvement after: short report, 567